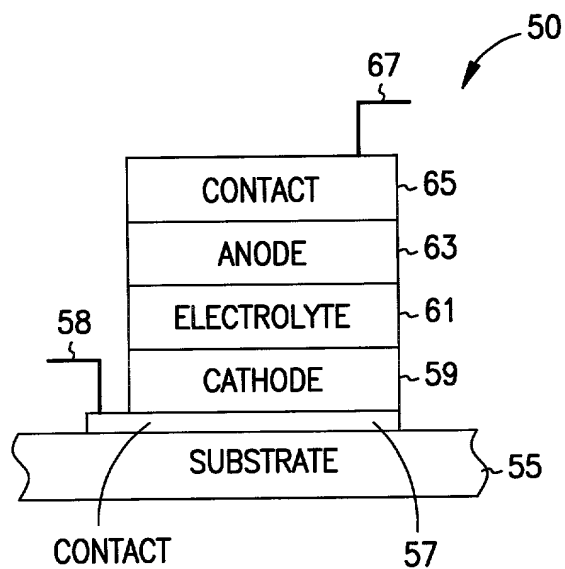
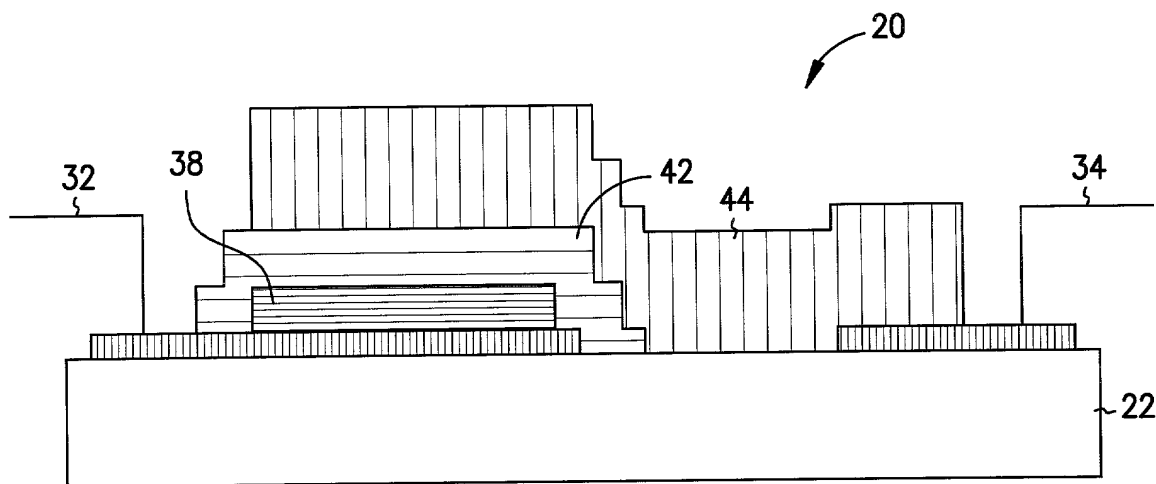


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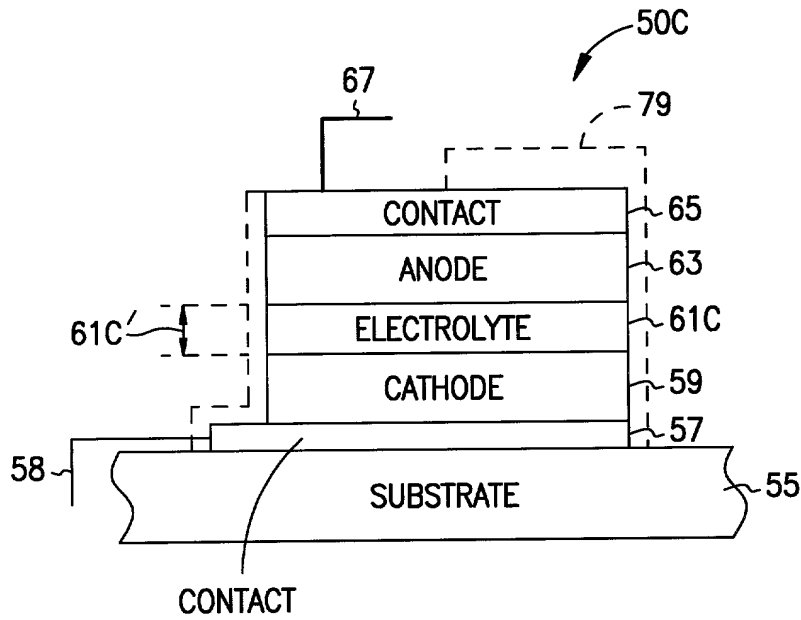


FIG. 1C

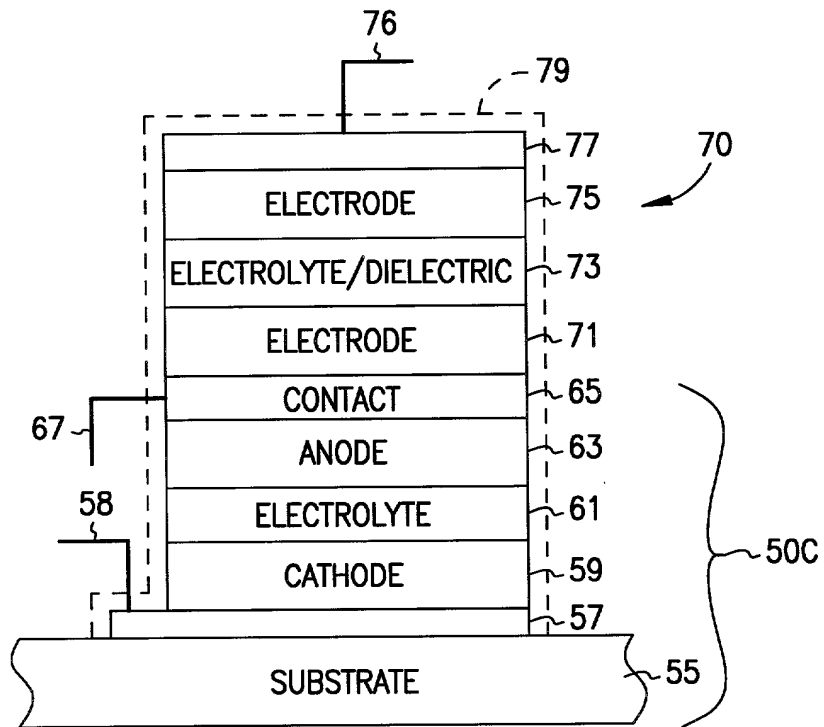


FIG. 1D

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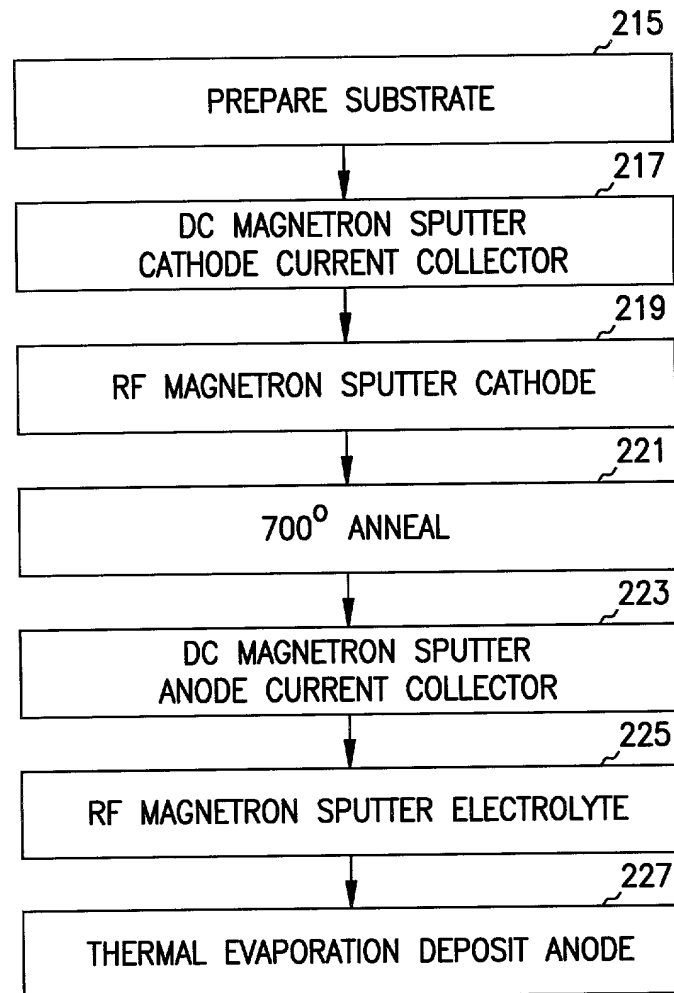


FIG. 2A (Prior Art)

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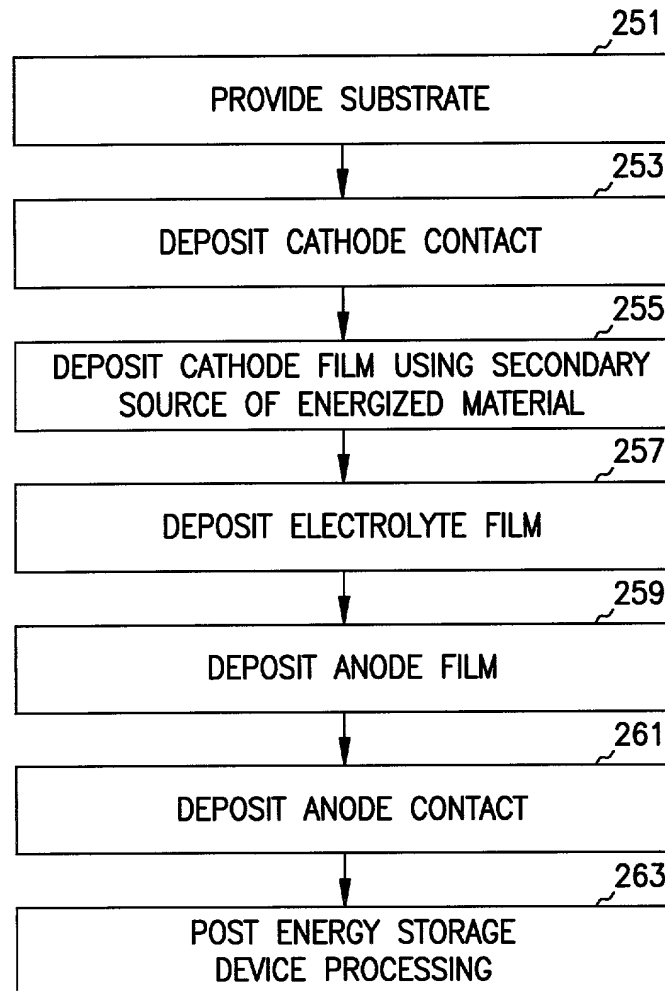


FIG. 2B

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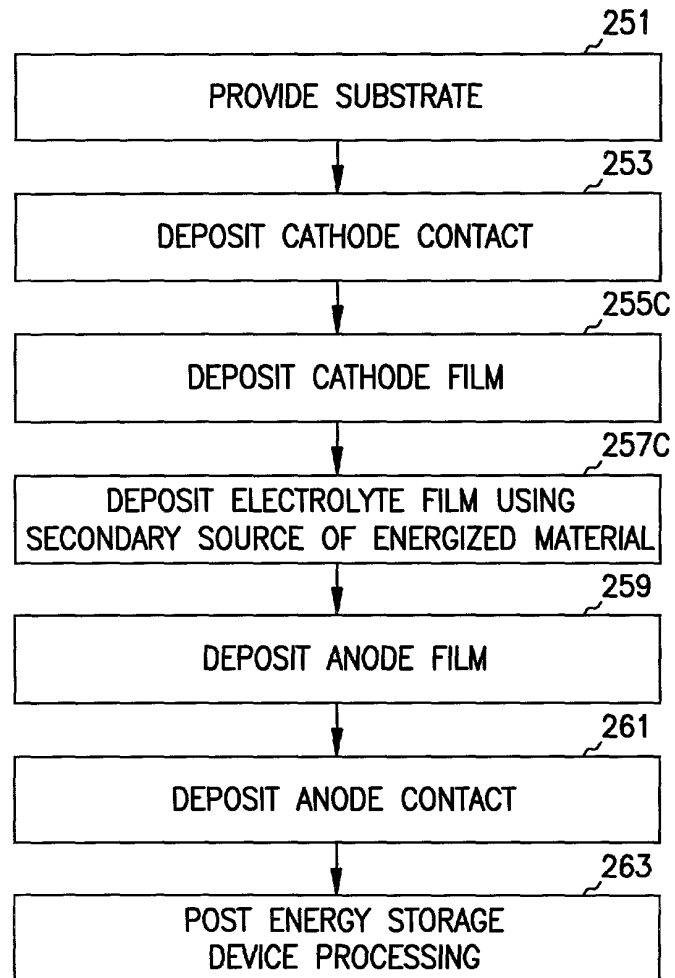


FIG. 2C

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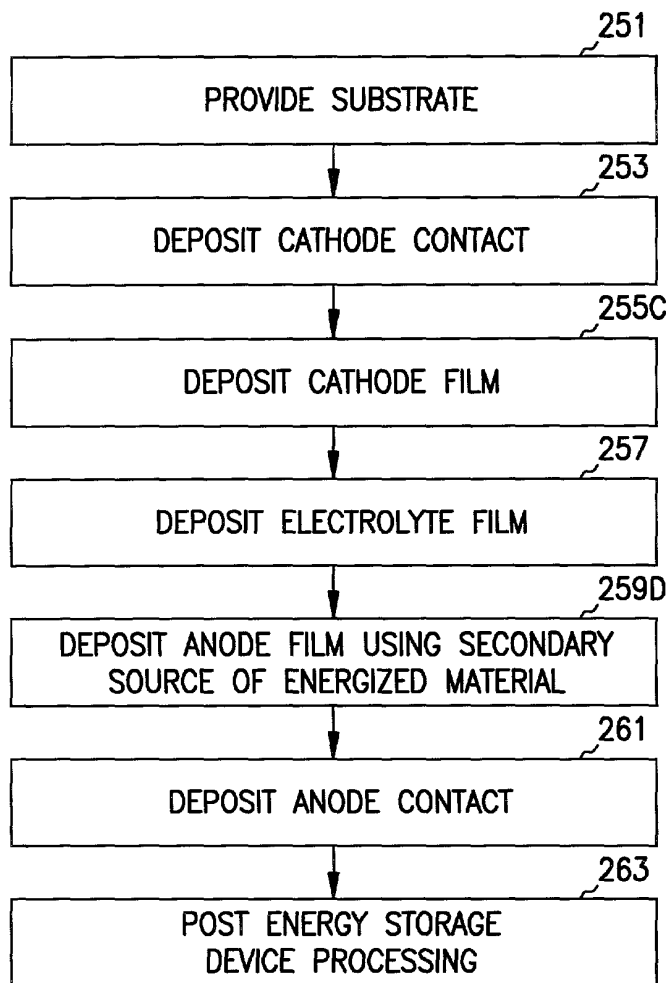


FIG. 2D

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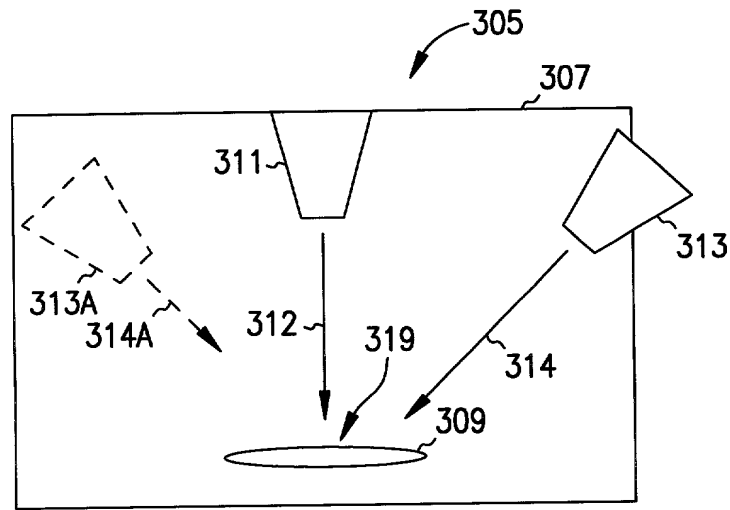


FIG. 3A

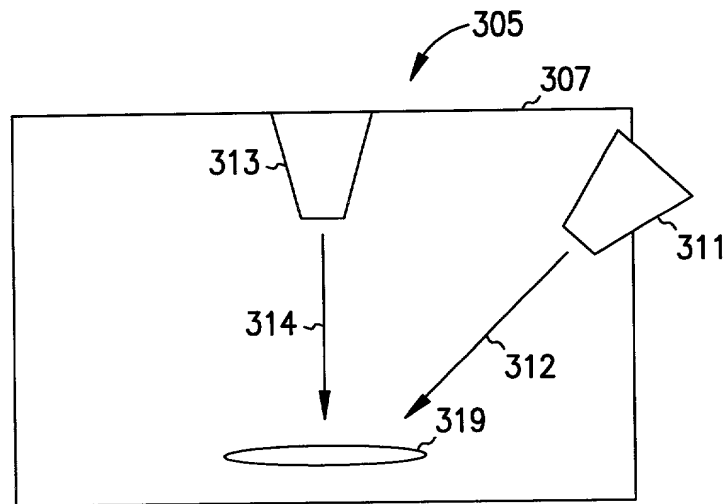


FIG. 3B

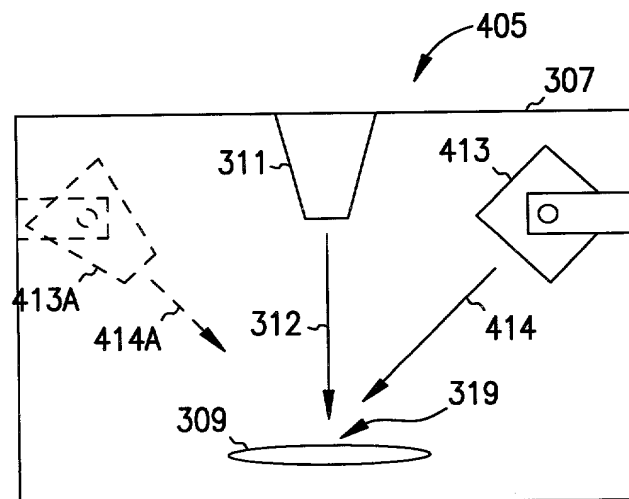


FIG. 4

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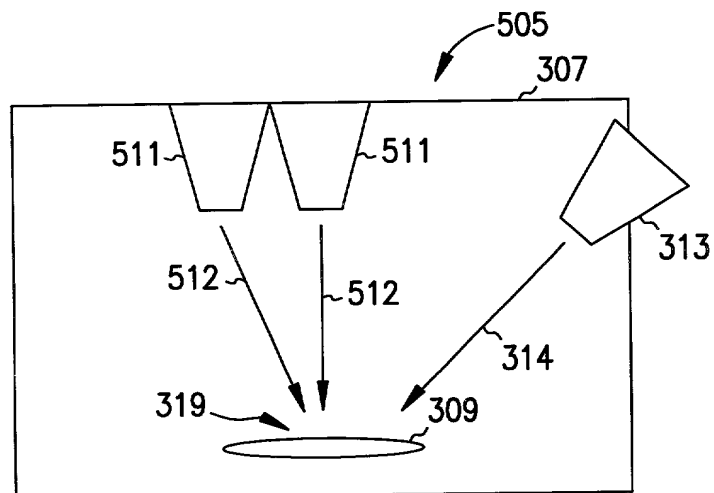


FIG. 5A

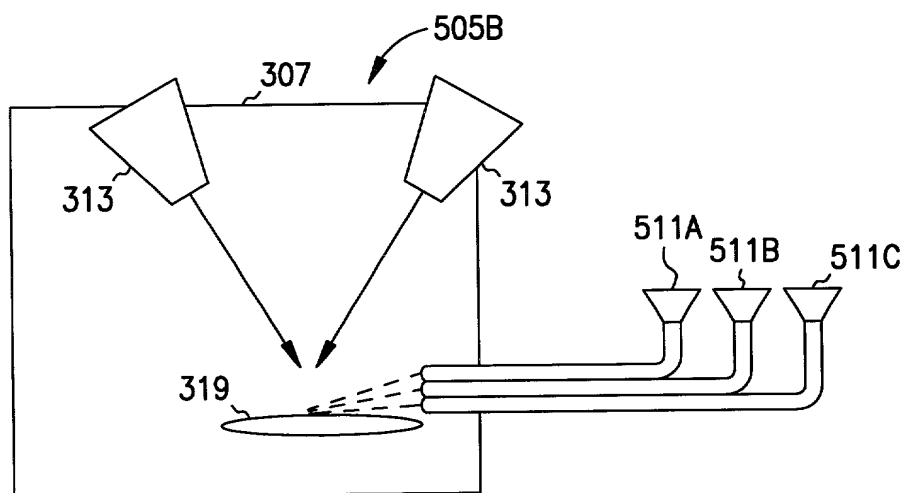


FIG. 5B

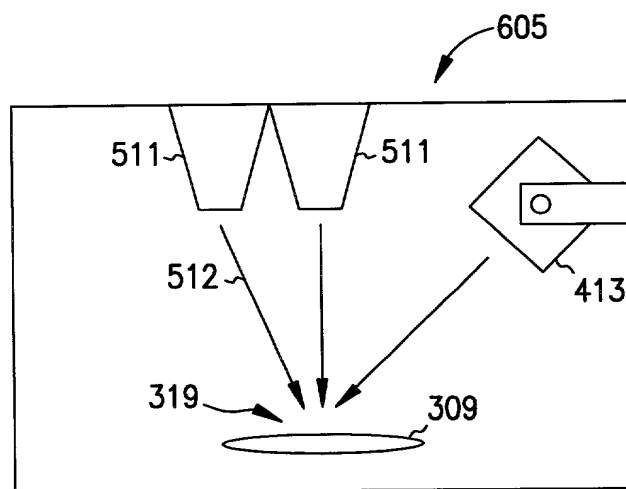


FIG. 6

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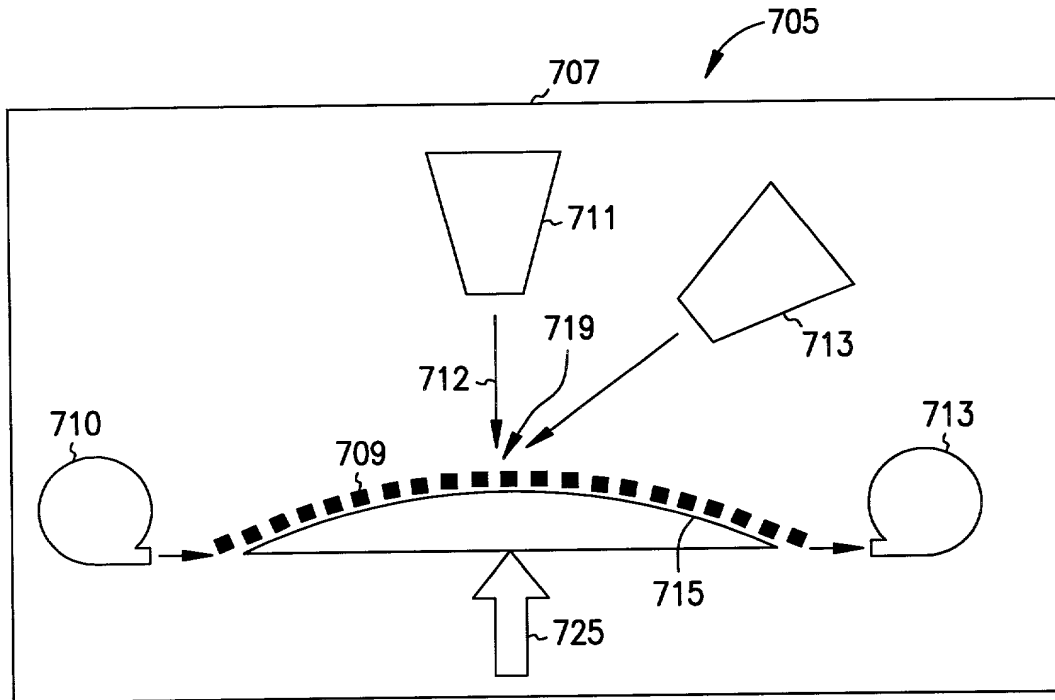


FIG. 7

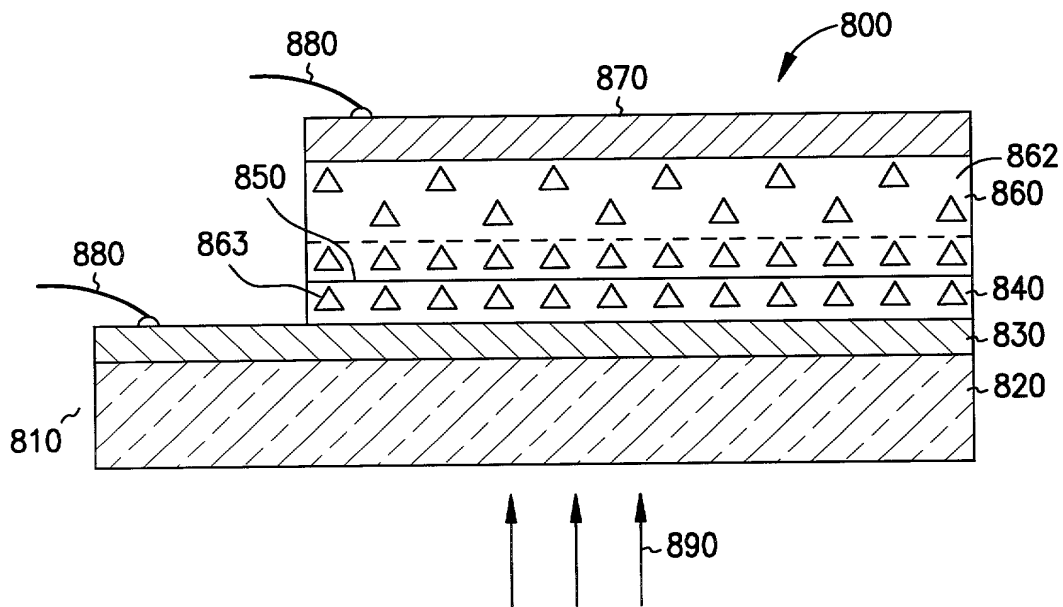


FIG. 8

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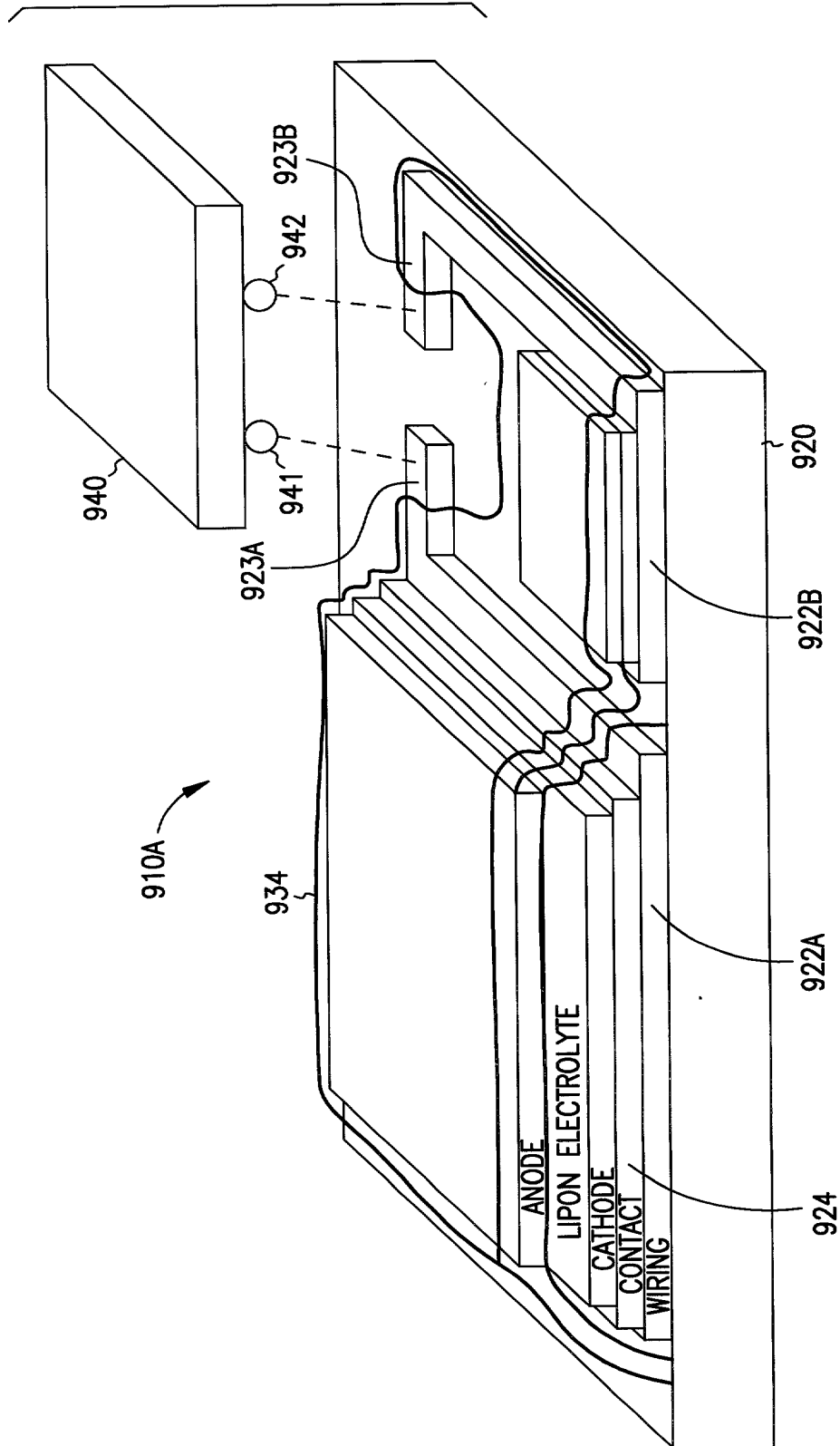


FIG. 9A

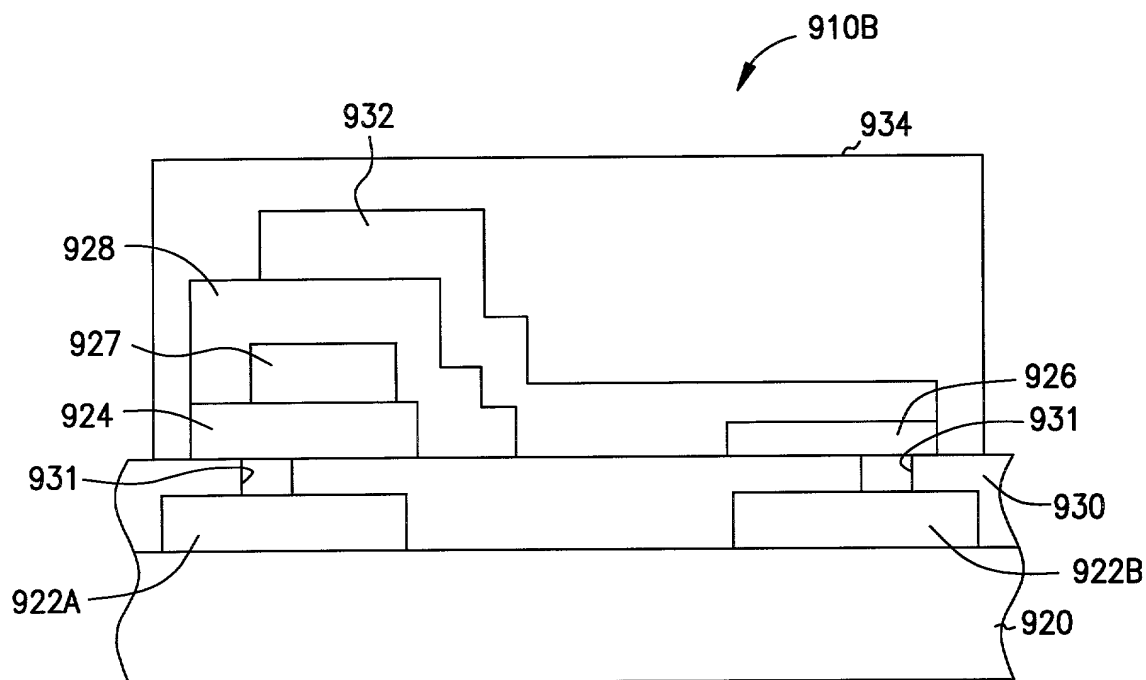


FIG. 9B

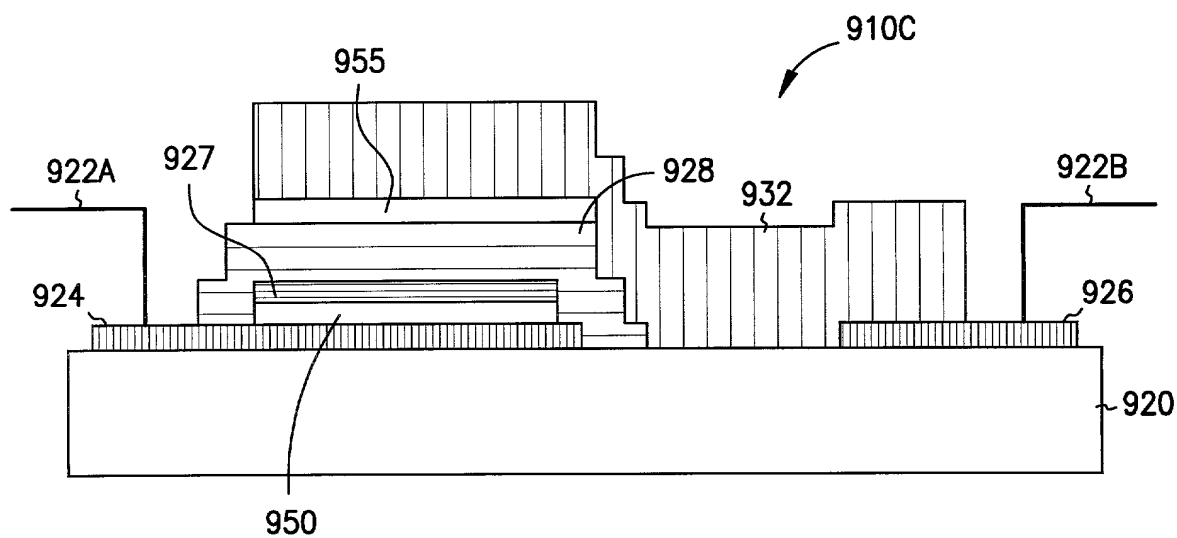


FIG. 9C

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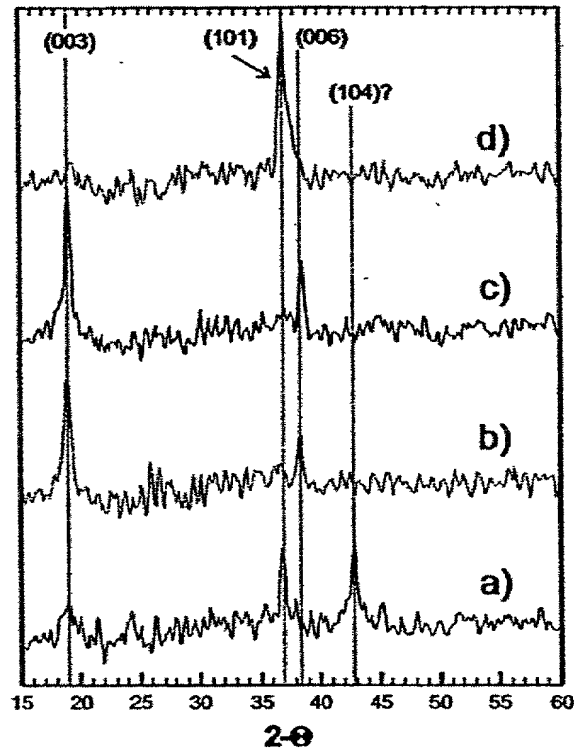


FIG. 10

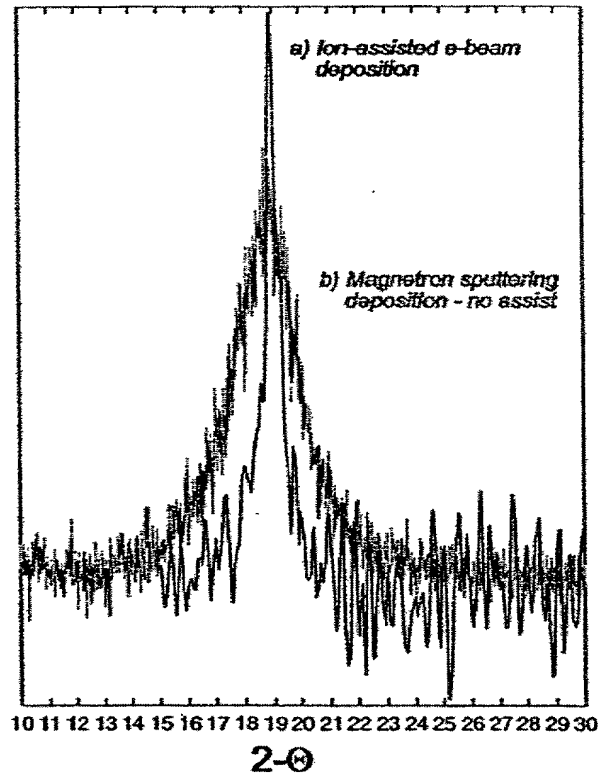


FIG. 11

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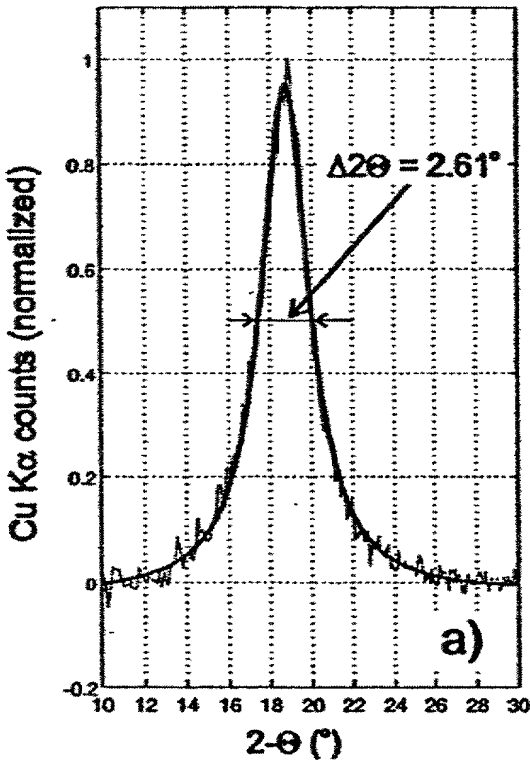


FIG. 12A

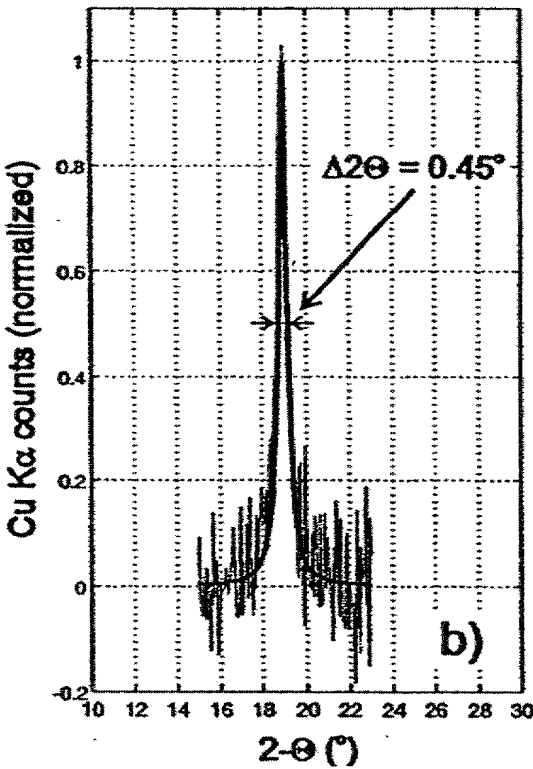


FIG. 12B

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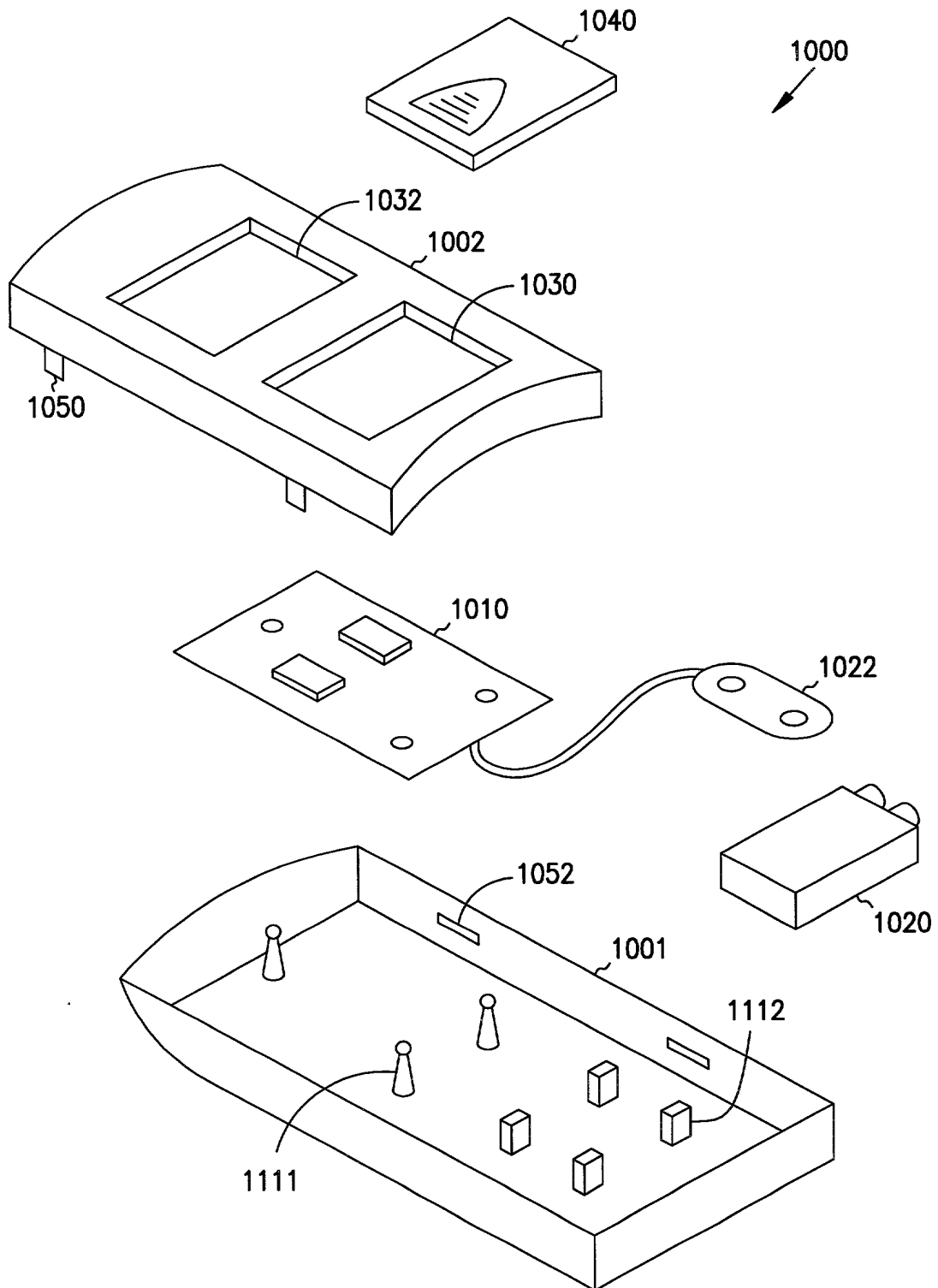


FIG. 13

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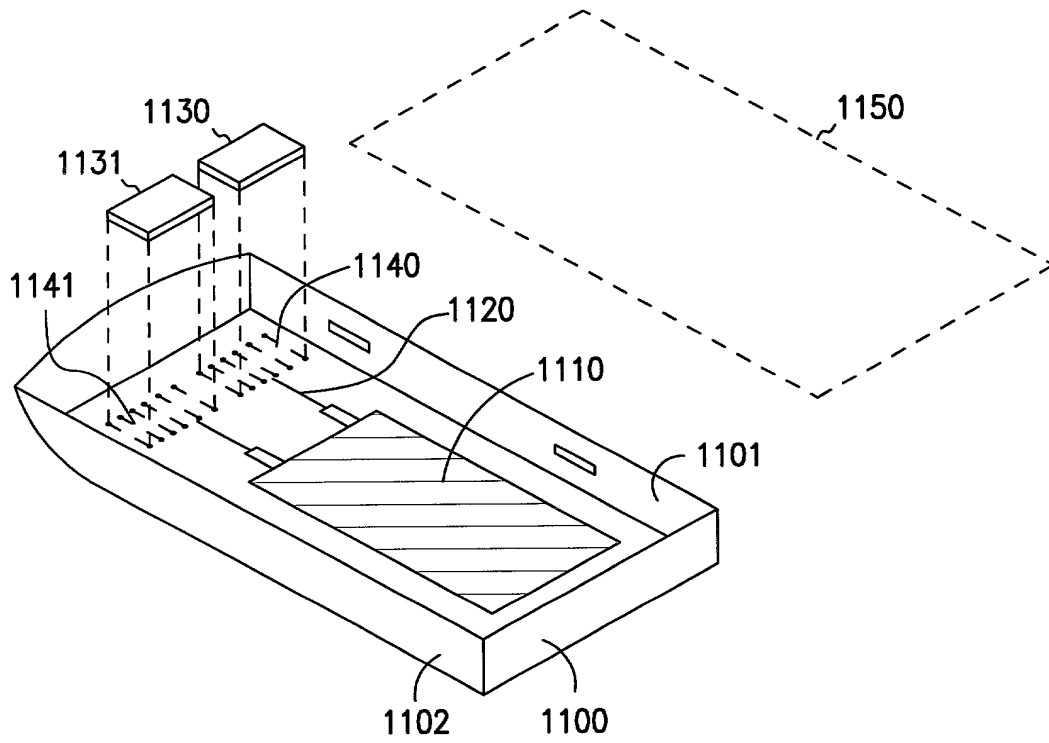


FIG. 14A

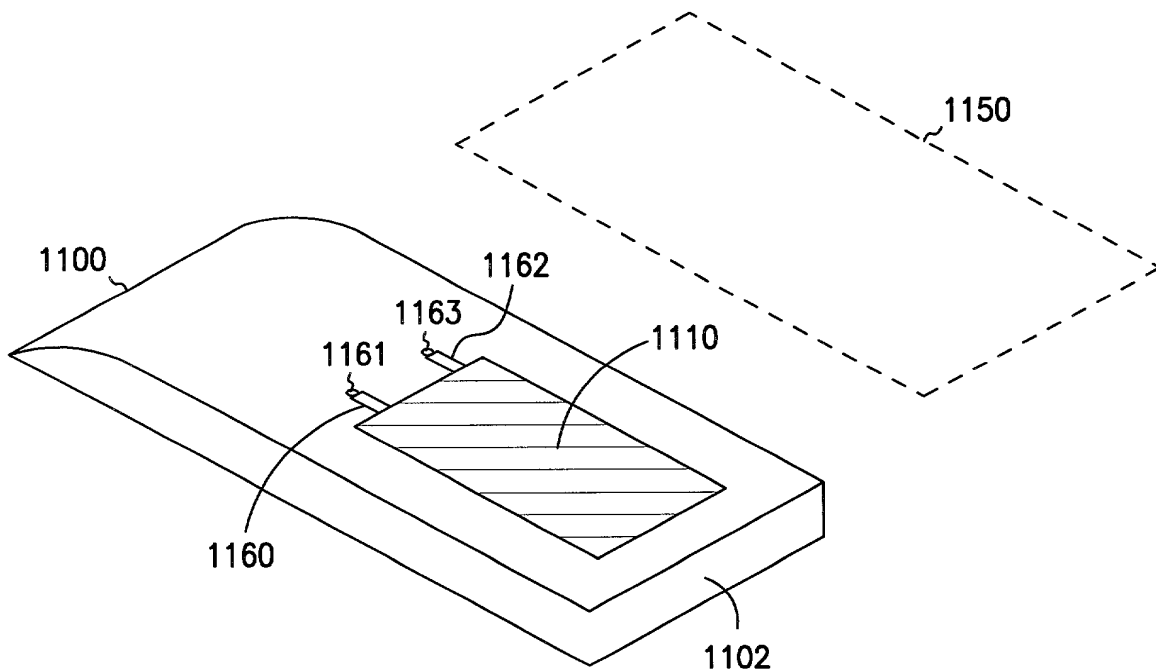


FIG. 14B

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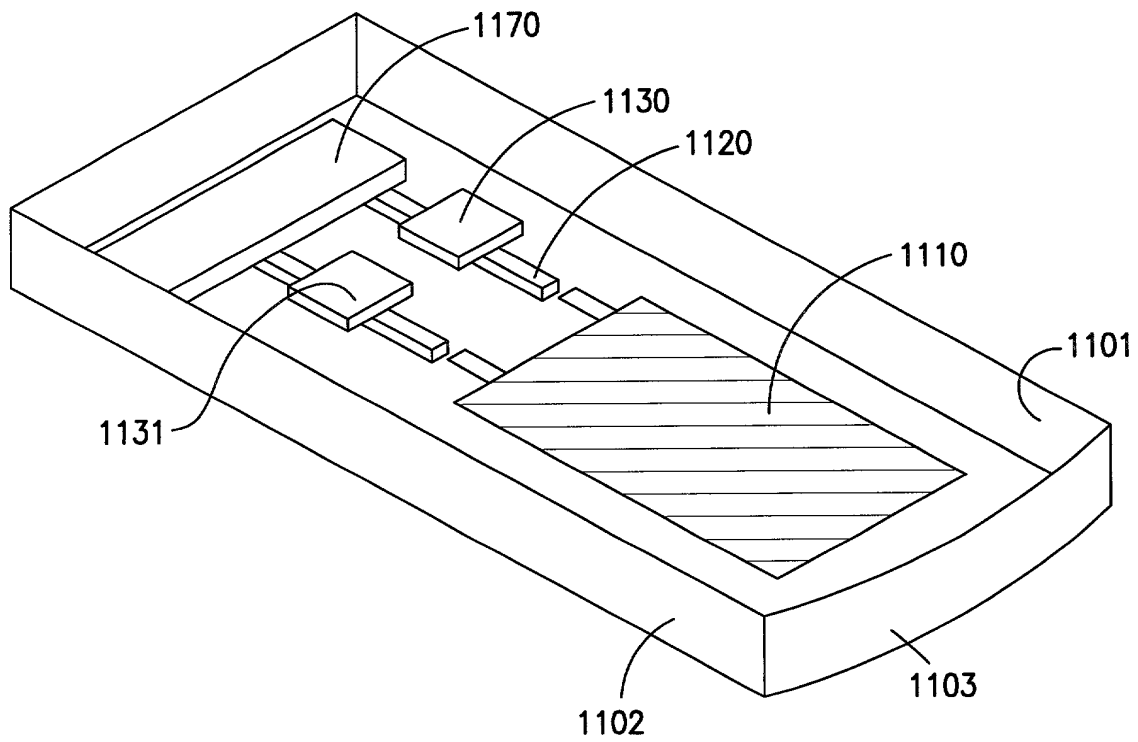


FIG. 14C

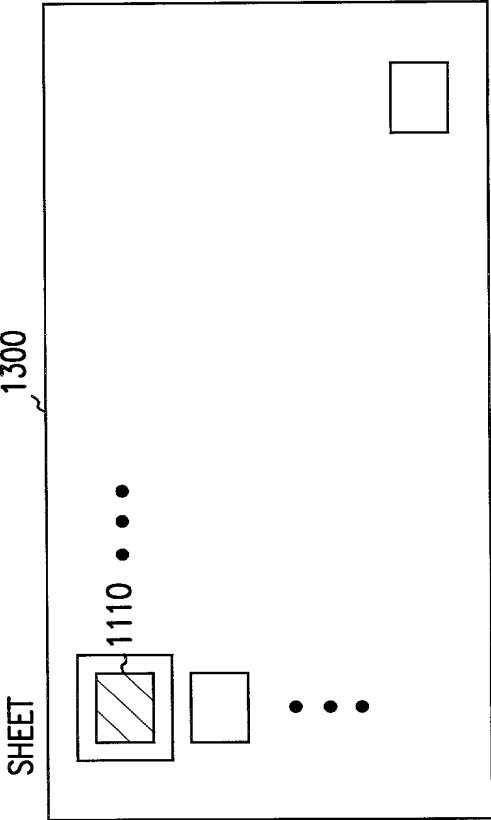
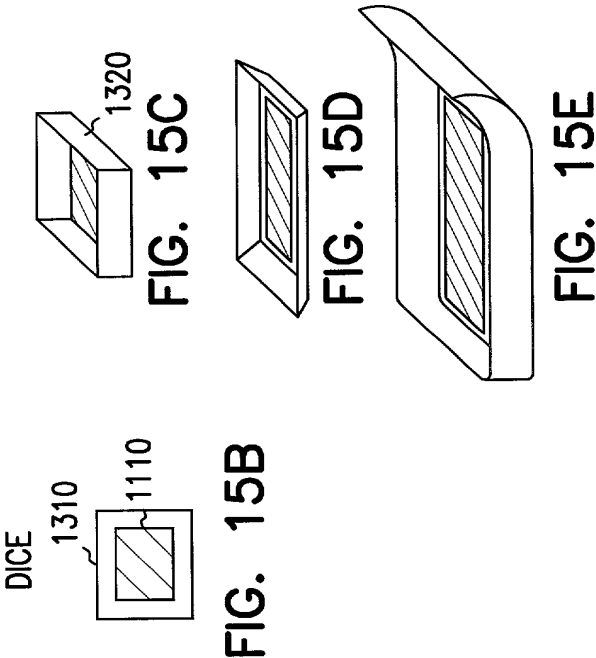


FIG. 15A

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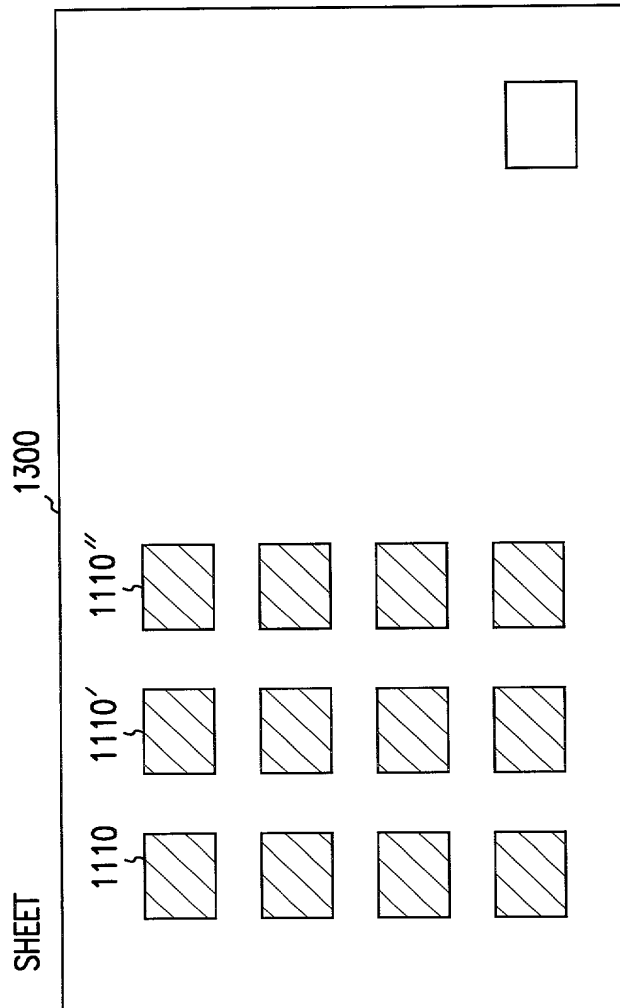


FIG. 15F

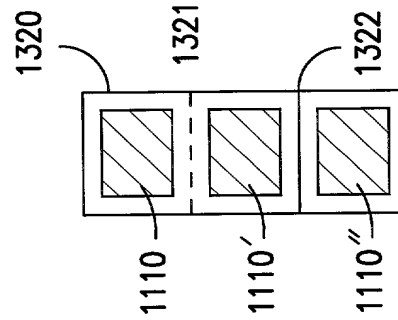


FIG. 15G

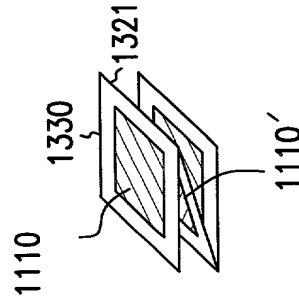


FIG. 15H

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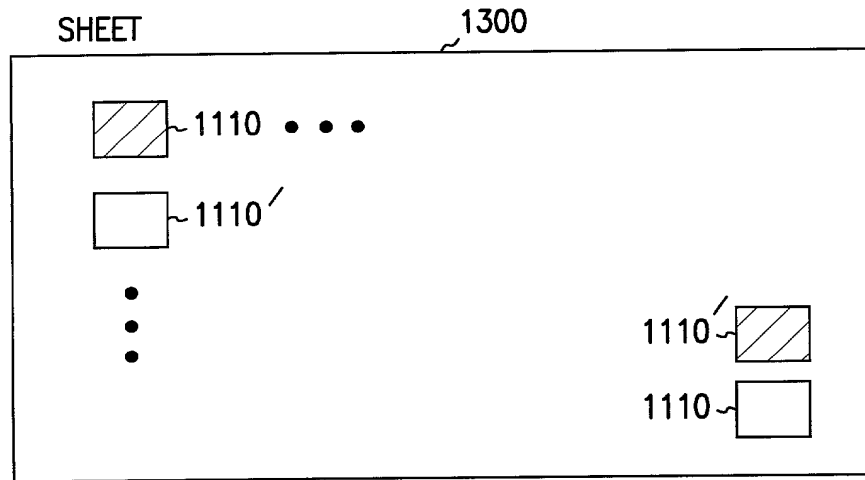


FIG. 15I

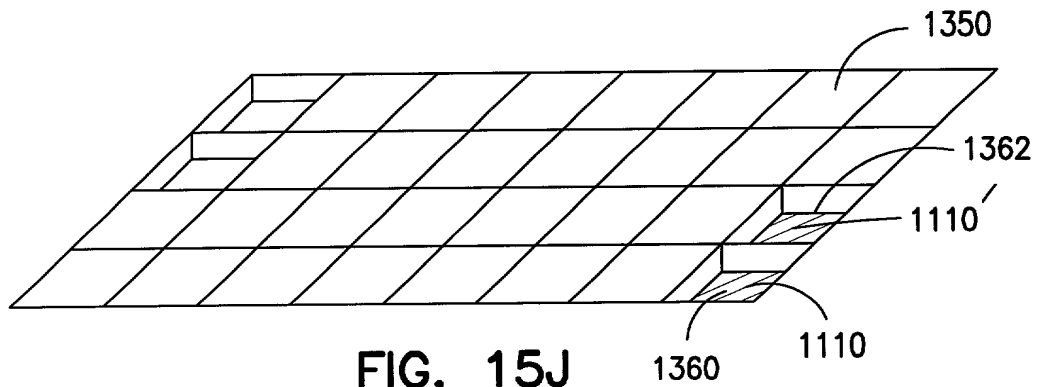


FIG. 15J

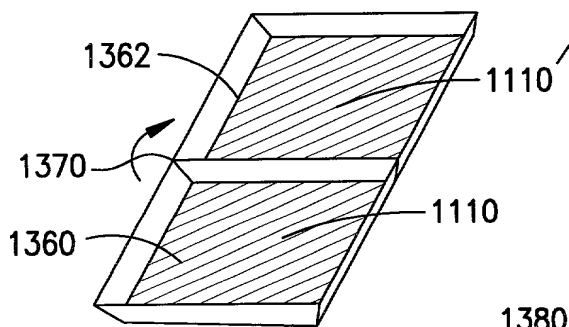


FIG. 15K

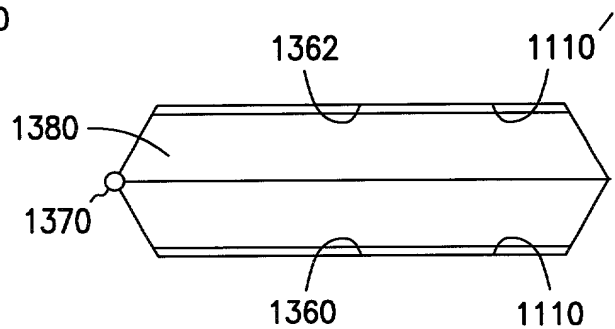


FIG. 15L

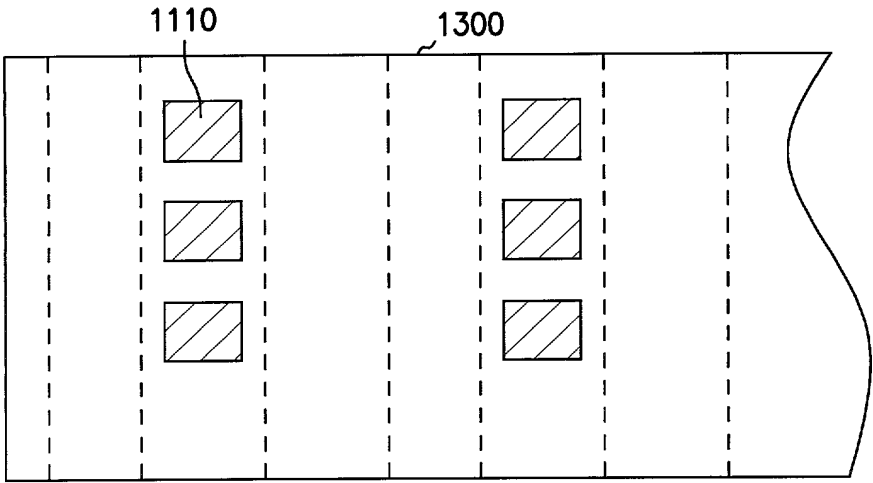


FIG. 16A

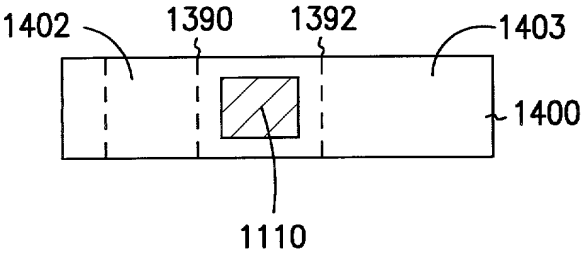


FIG. 16B

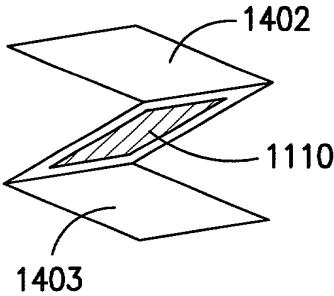


FIG. 16C

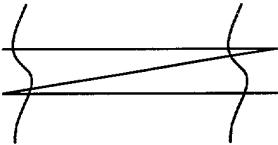


FIG. 16D

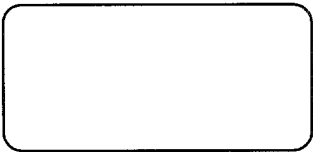


FIG. 16E

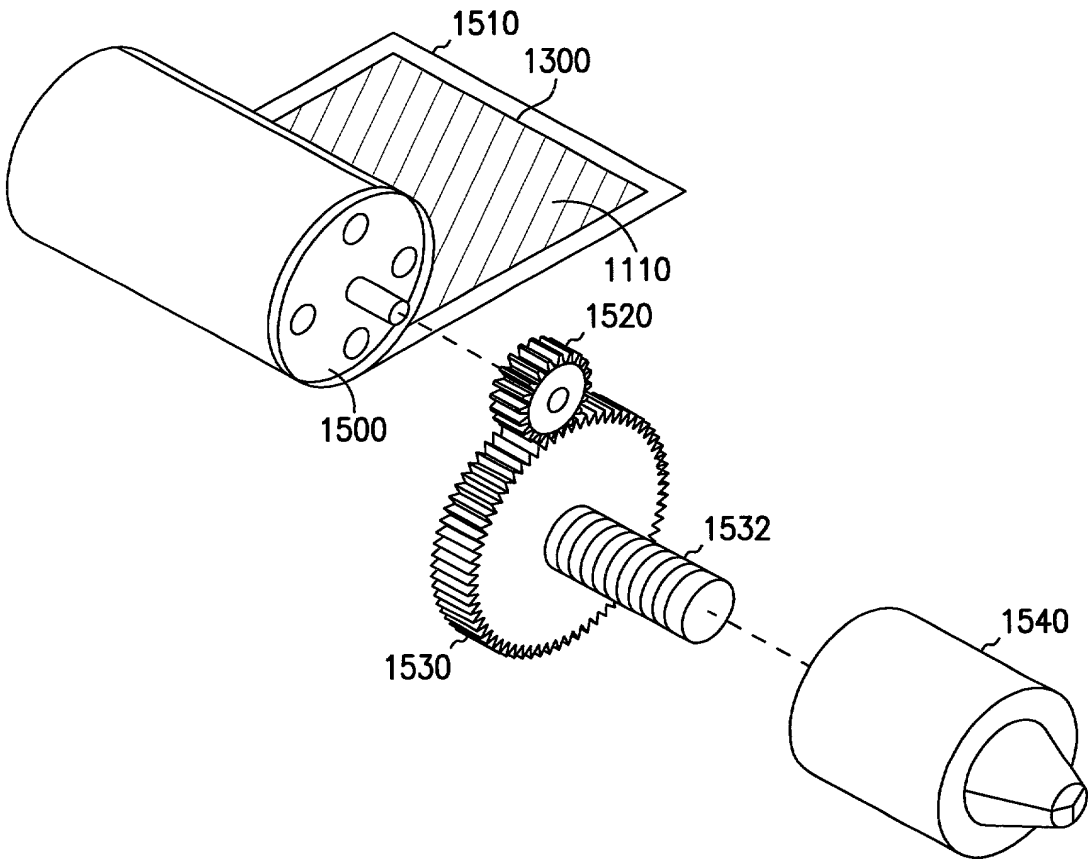
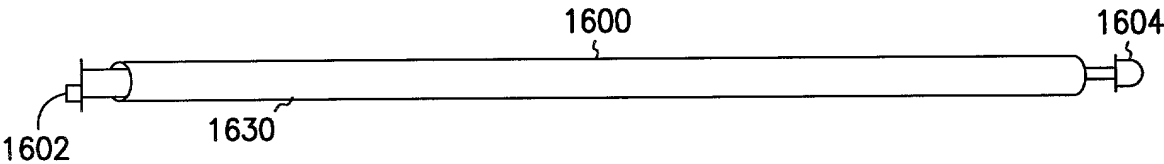
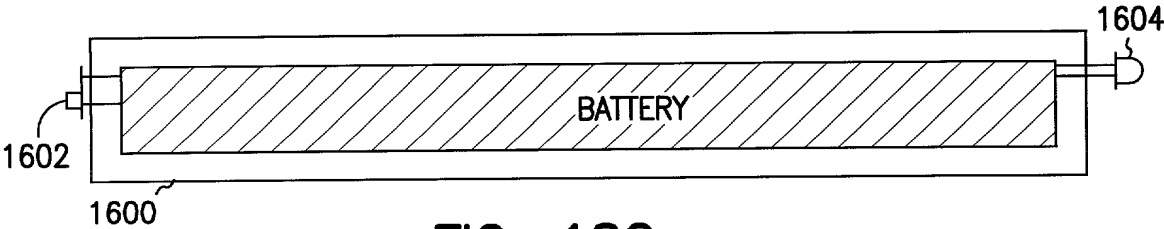
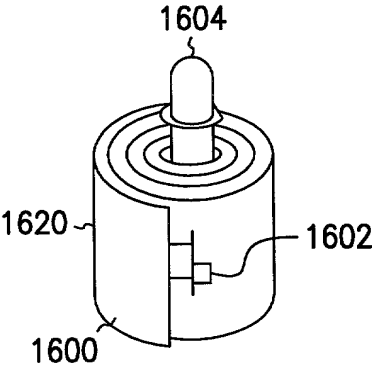
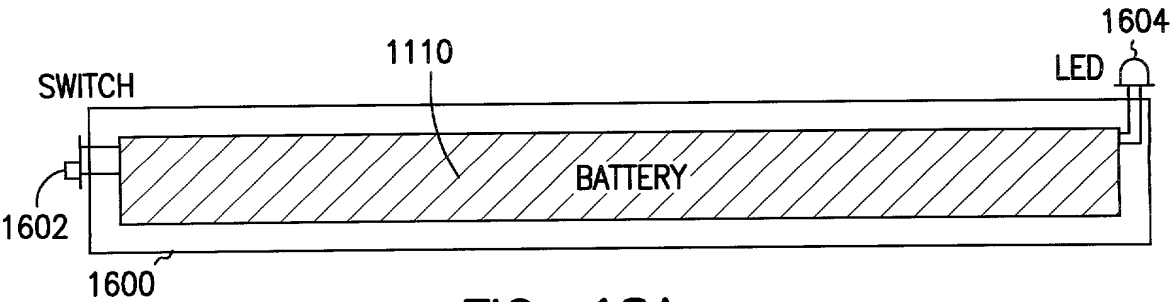


FIG. 17



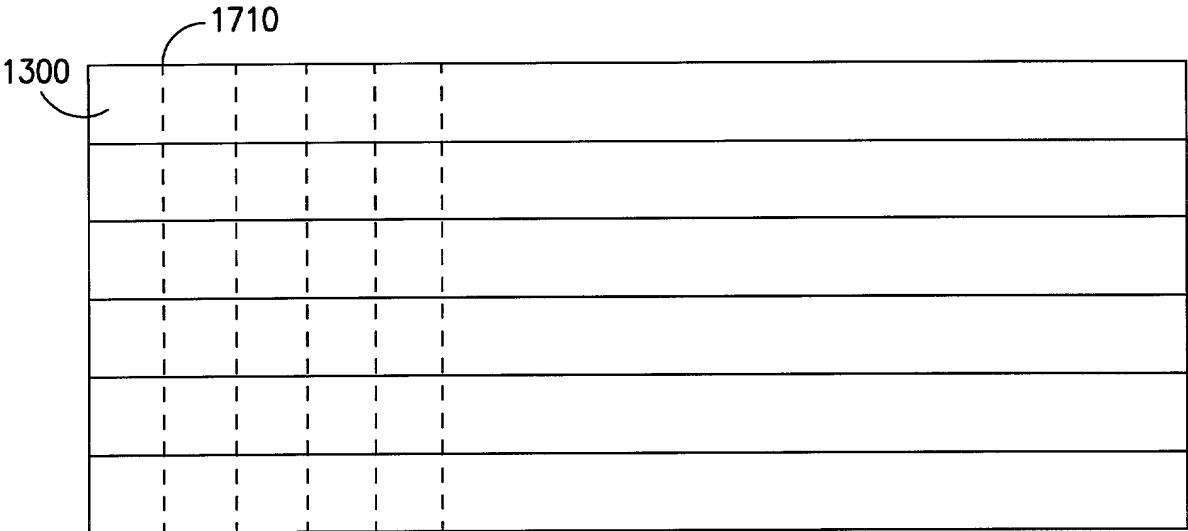


FIG. 19A

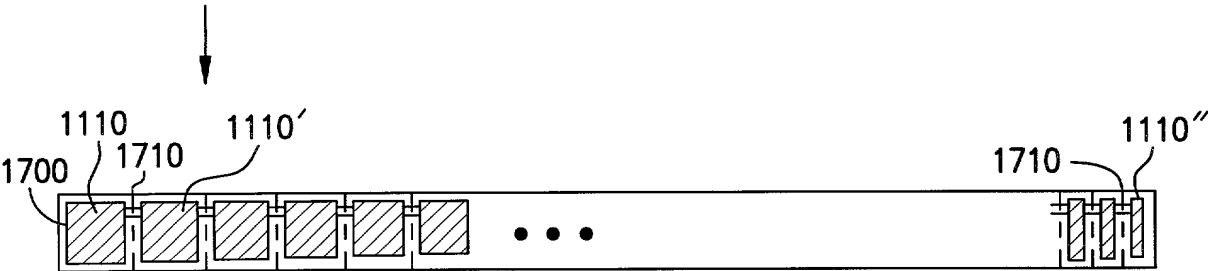


FIG. 19B

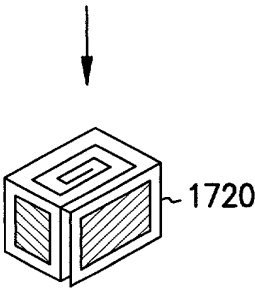


FIG. 19C

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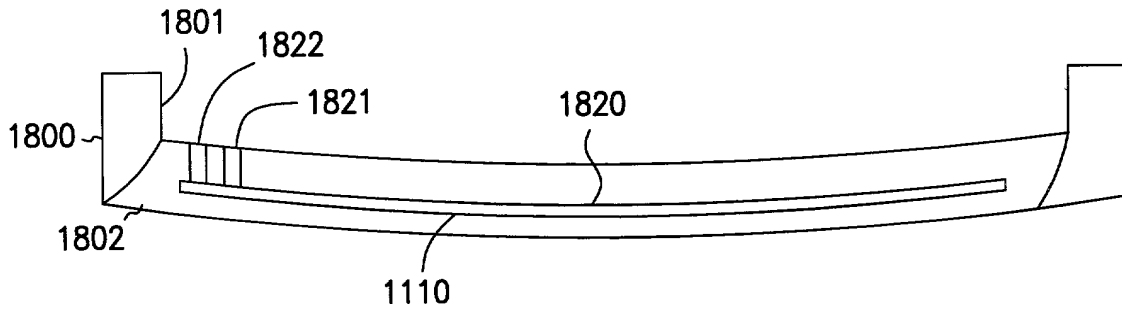


FIG. 20

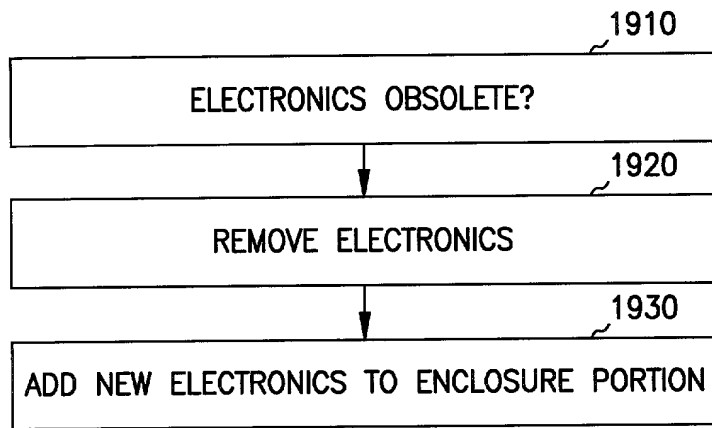


FIG. 21A

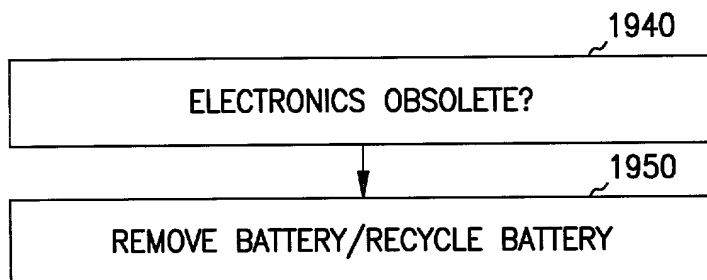


FIG. 21B

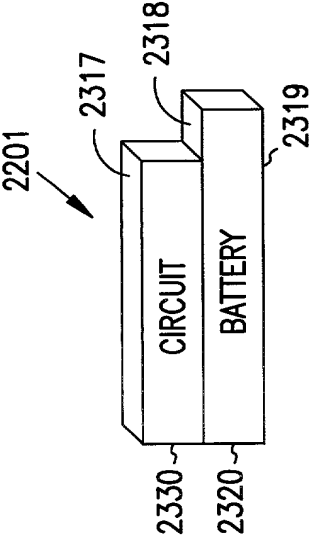
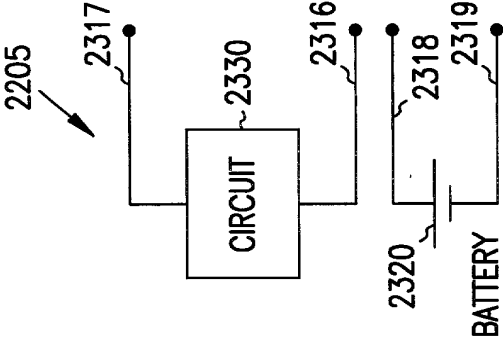
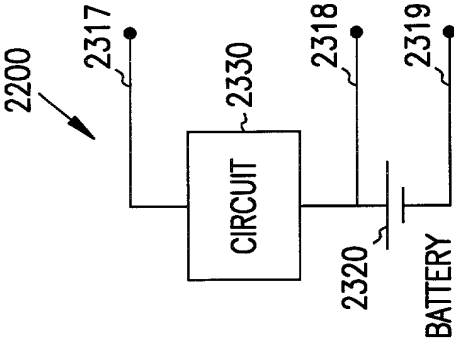


FIG. 22C

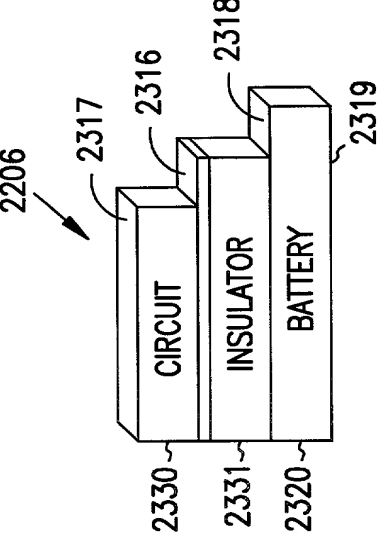
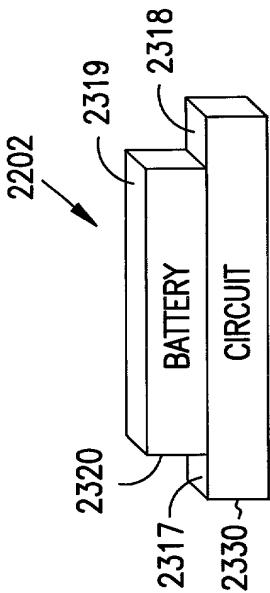
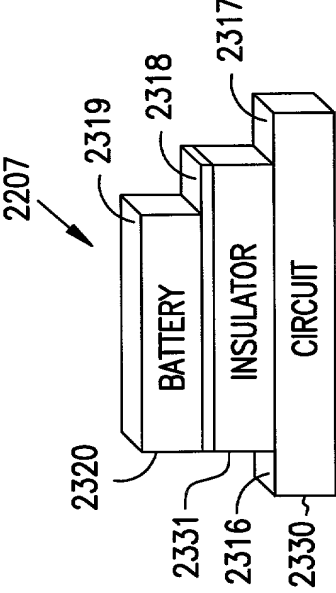


FIG. 22F



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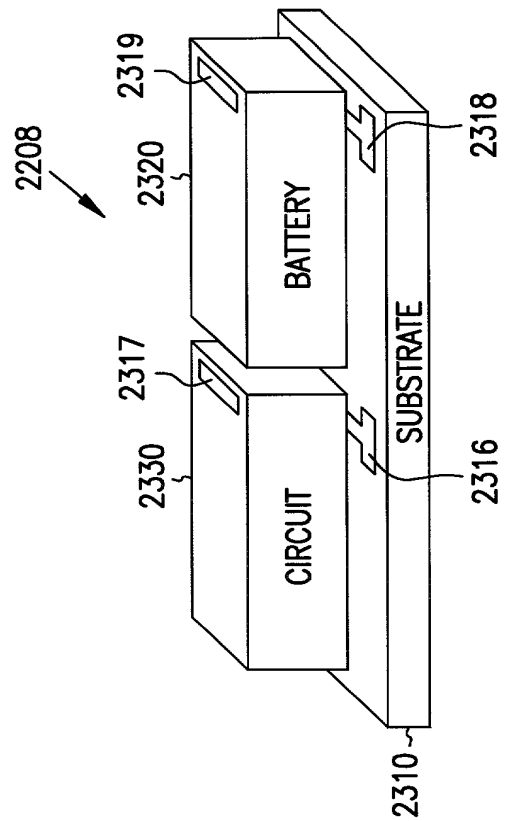


FIG. 22G

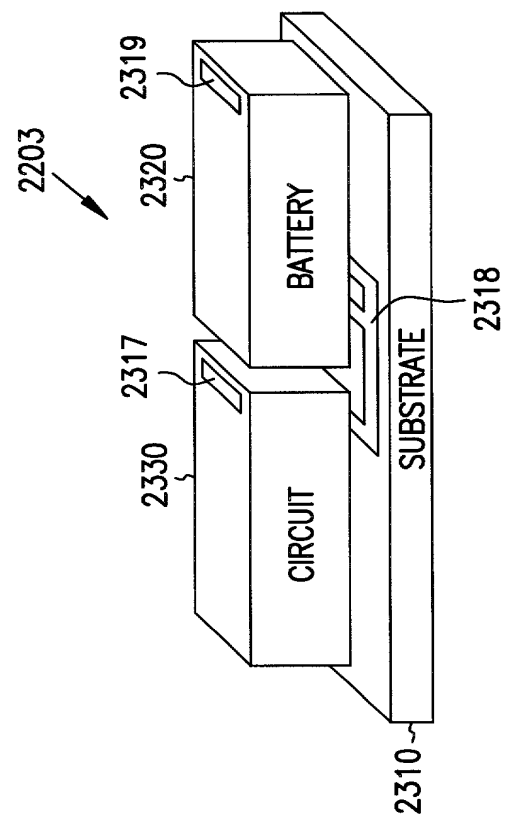


FIG. 22H



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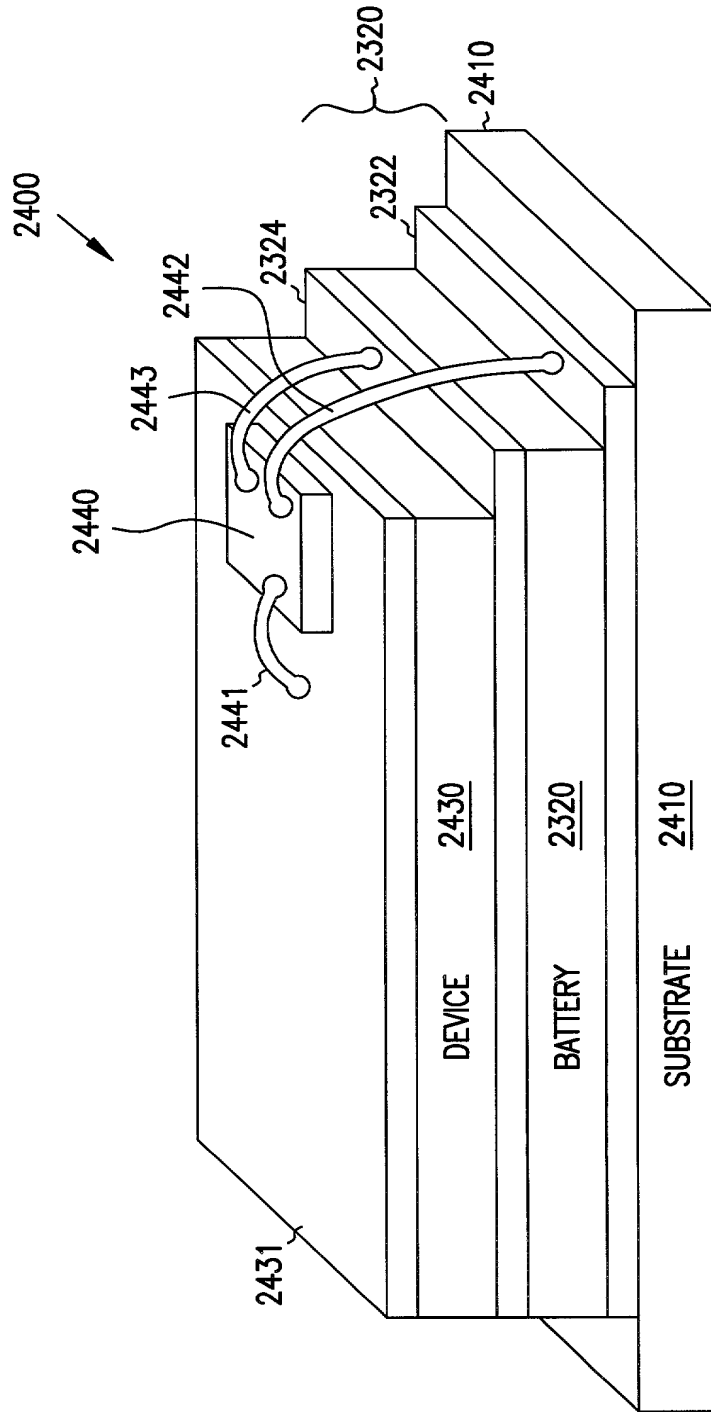


FIG. 24A

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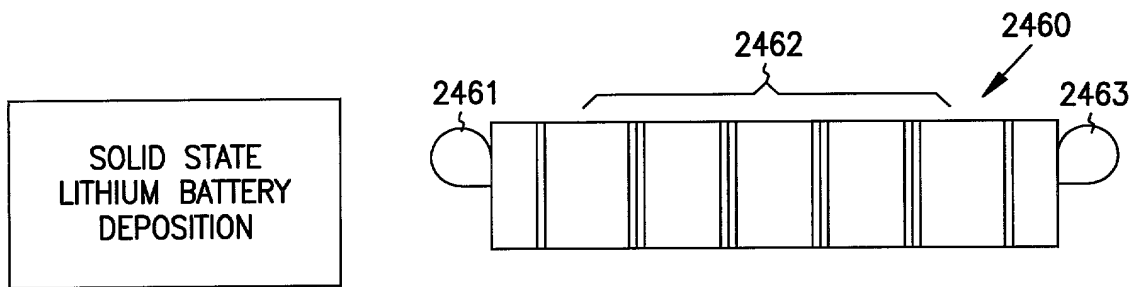


FIG. 24B

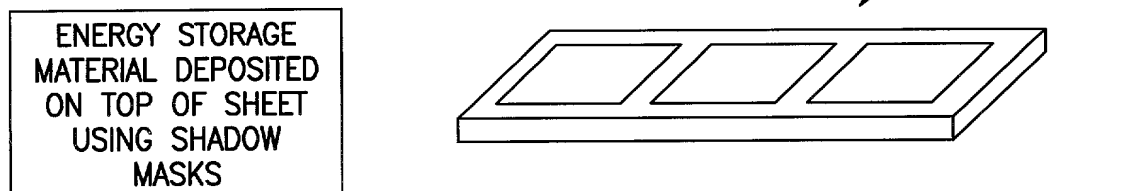


FIG. 24C

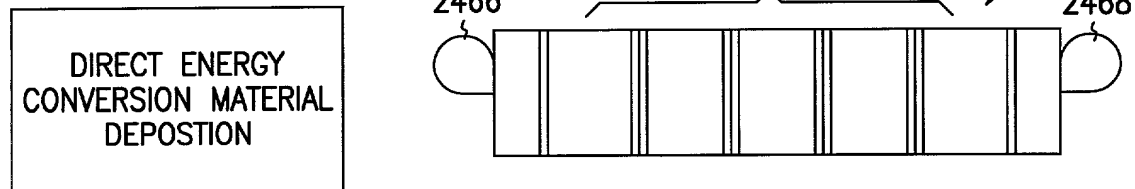


FIG. 24D

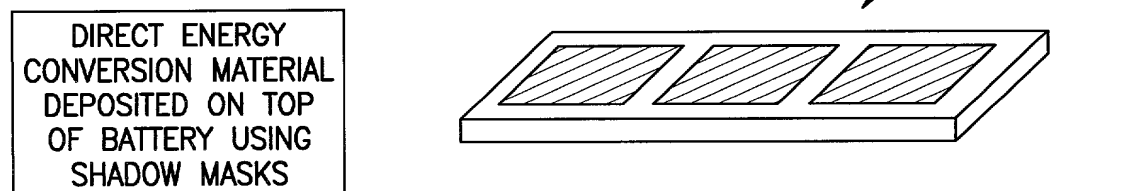


FIG. 24E

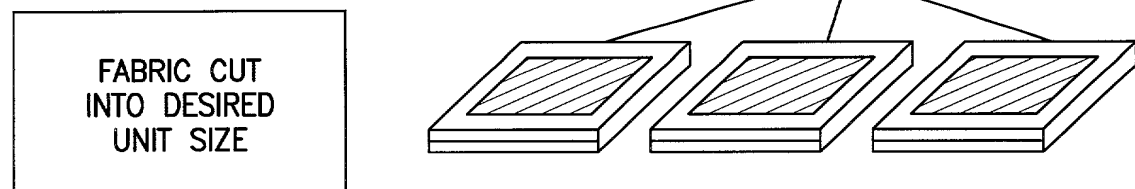


FIG. 24F

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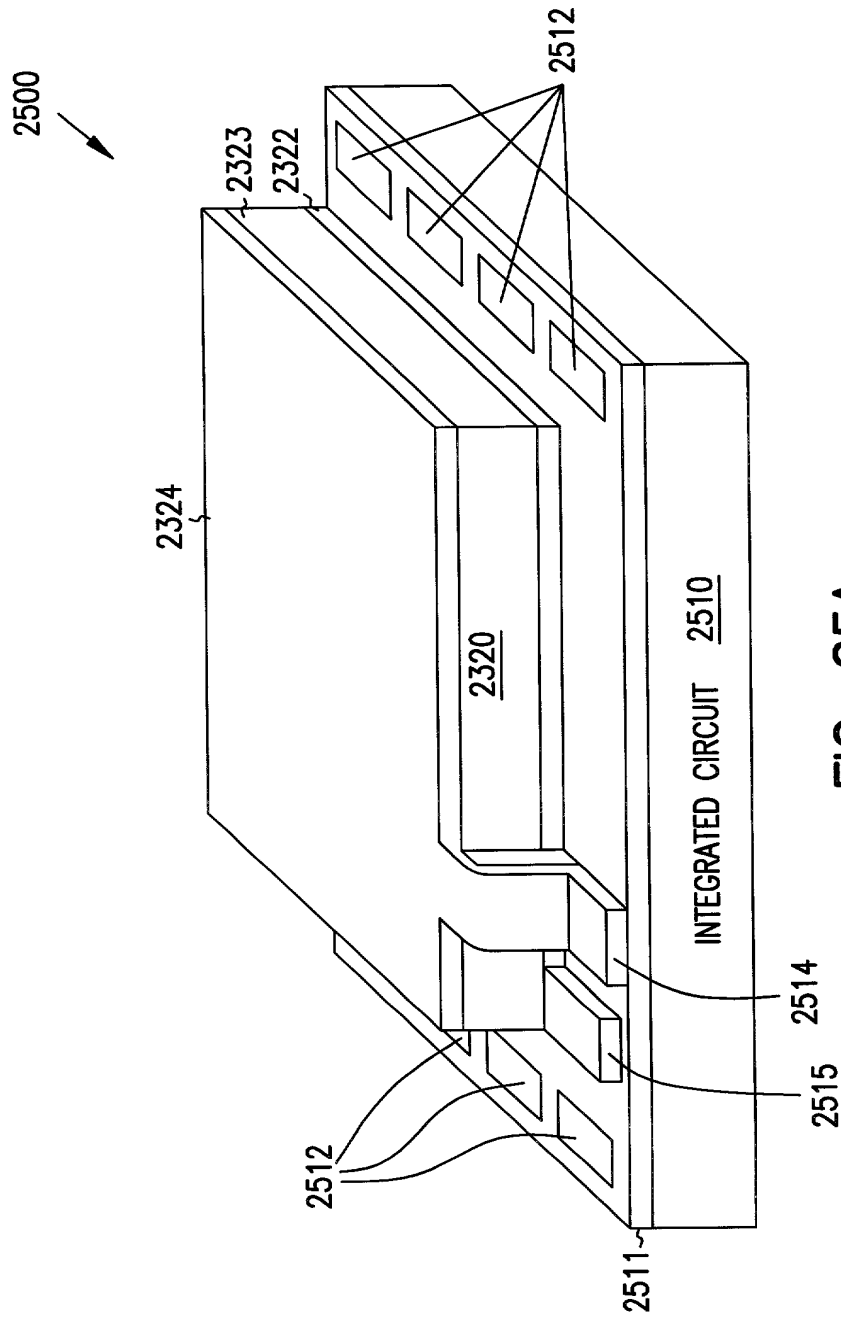


FIG. 25A

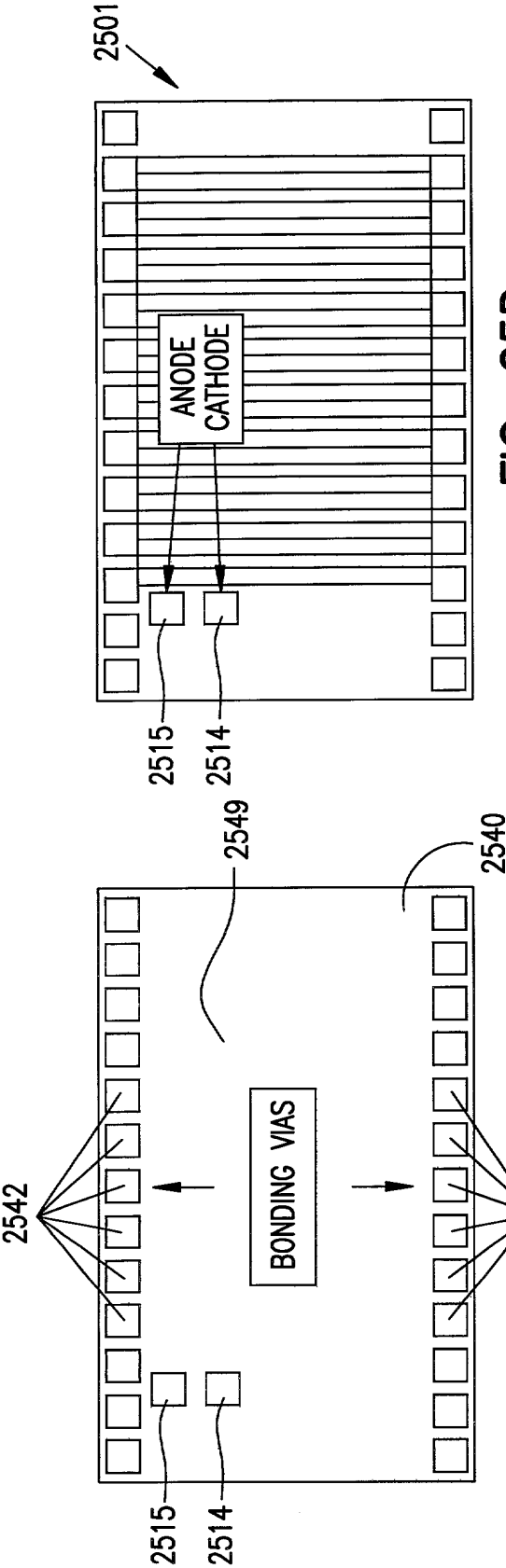


FIG. 25D

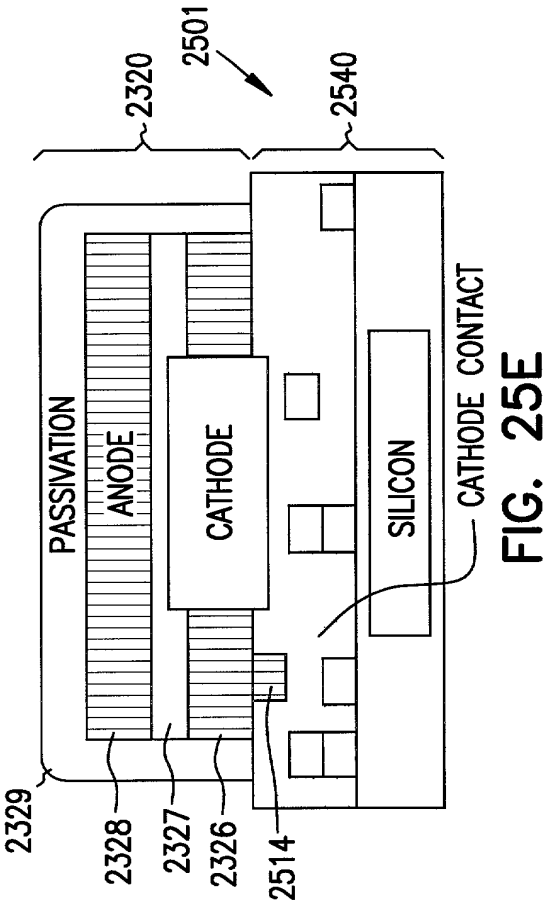
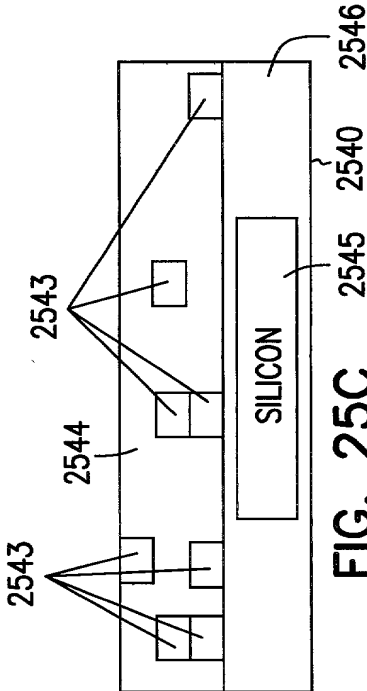


FIG. 25C



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DIRECT ENERGY
MATERIAL DEPOSITION

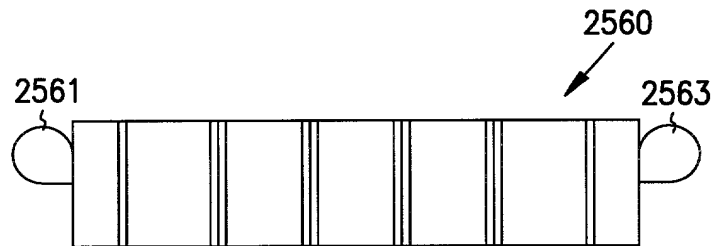


FIG. 25F

DIRECT ENERGY
MATERIAL DEPOSITED
ON TOP OF SHEET

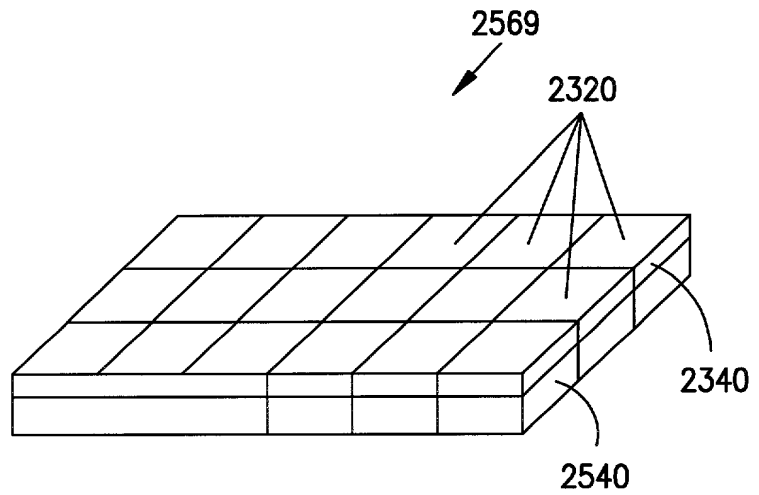
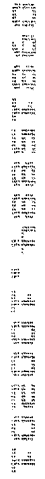


FIG. 25G



Variable	Mean	SD	Min	Max
Age	31.2	4.5	18	45
Gender	Male	1.2	0	2
Education	12.5	1.5	10	15
Income	15.2	3.8	10	25
Marital Status	Married	1.8	0	2
Religious Belief	Christian	1.5	0	2
Political Affiliation	Democrat	1.2	0	2
Health Status	Good	1.5	0	2
Employment Status	Employed	1.8	0	2
Home Ownership	Owned	1.5	0	2
Vehicle Ownership	Owned	1.2	0	2
Travel Frequency	Monthly	1.5	0	2
Travel Distance	100 miles	50	0	200
Travel Purpose	Business	1.2	0	2
Travel Mode	Car	1.5	0	2
Travel Time	2 hours	1 hour	0	4 hours
Travel Cost	\$500	\$100	\$0	\$1000
Travel Satisfaction	4.5	0.5	1	5
Travel Frequency (per year)	12	3	0	24
Travel Distance (per year)	1200 miles	300	0	2400
Travel Purpose (per year)	6	2	0	12
Travel Mode (per year)	12	3	0	24
Travel Time (per year)	24 hours	4 hours	0	48 hours
Travel Cost (per year)	\$6000	\$1200	\$0	\$12000
Travel Satisfaction (per year)	4.5	0.5	1	5

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SOLID STATE
LITHIUM BATTERY
DEPOSITION

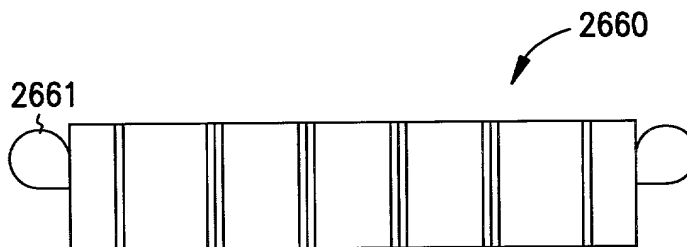


FIG. 26B

ENERGY STORAGE
MATERIAL DEPOSITED
ON BACK OF SHEET

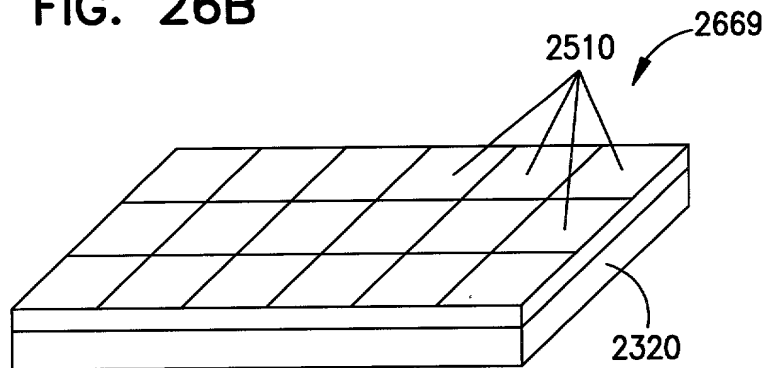


FIG. 26C

FABRIC CUT
INTO DESIRED
UNIT SIZE

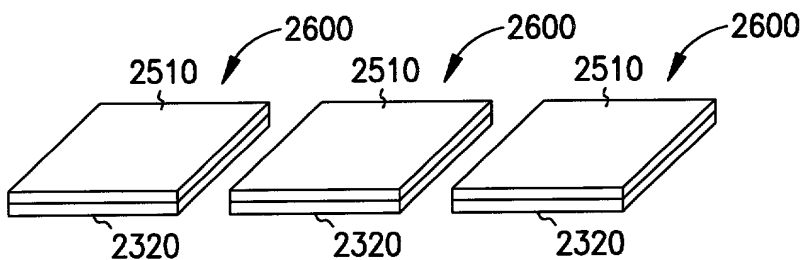


FIG. 26D

ENERGY CONVERSION
MATERIAL WIRED
TO ENERGY
STORAGE MATERIAL

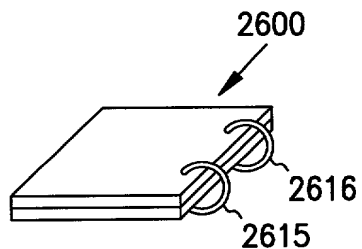


FIG. 26E

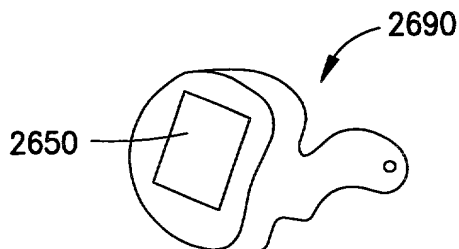


FIG. 26F

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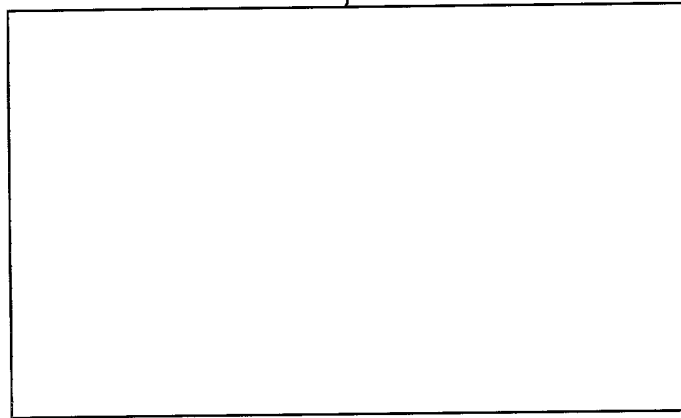


FIG. 27A

2710



FIG. 27F

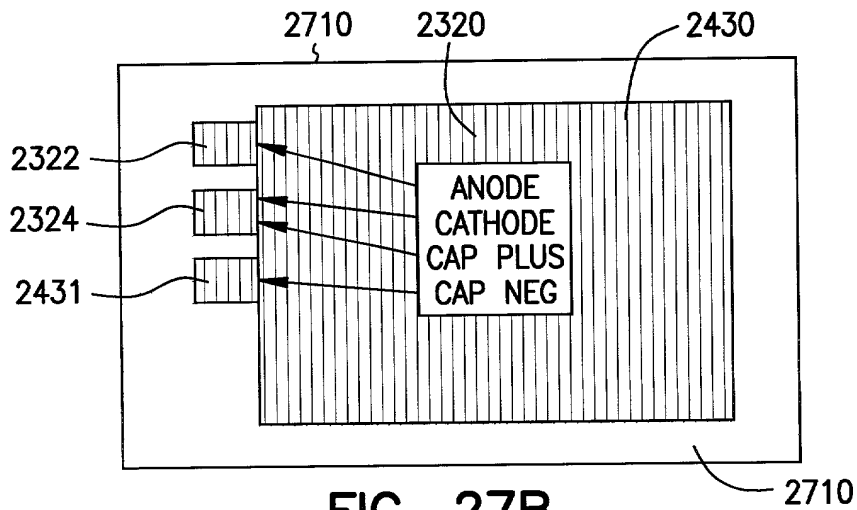


FIG. 27B

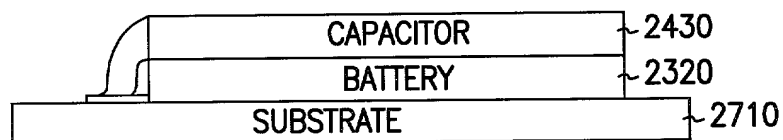


FIG. 27G

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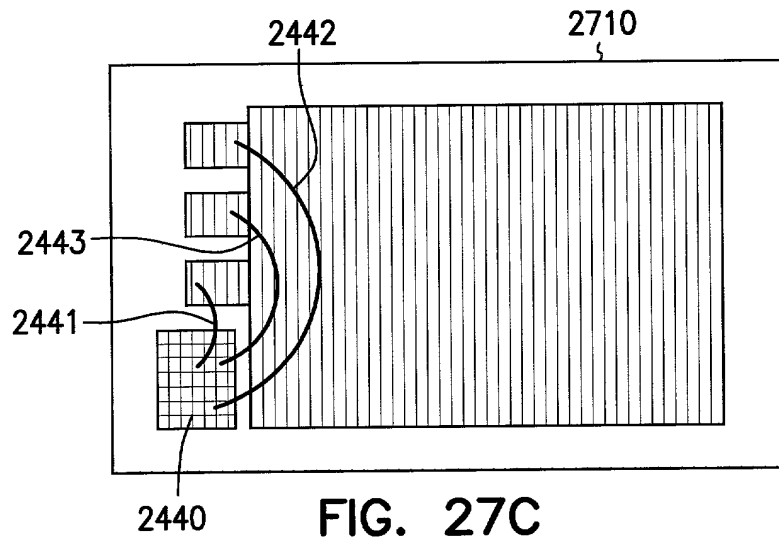


FIG. 27C

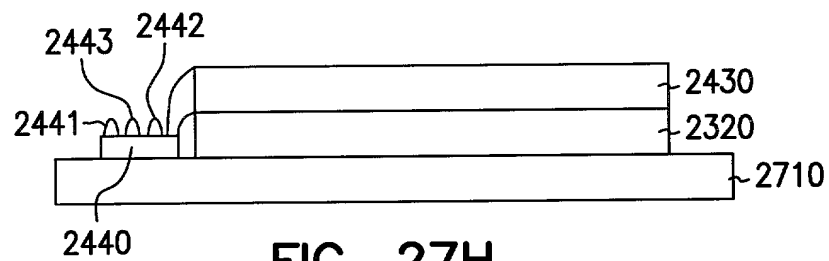


FIG. 27H

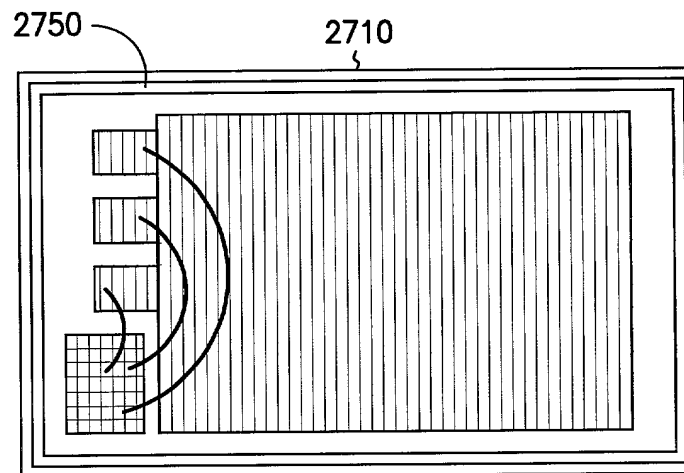


FIG. 27D

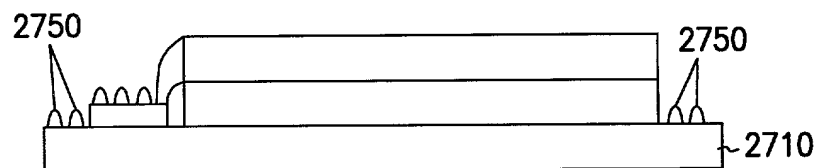


FIG. 27I

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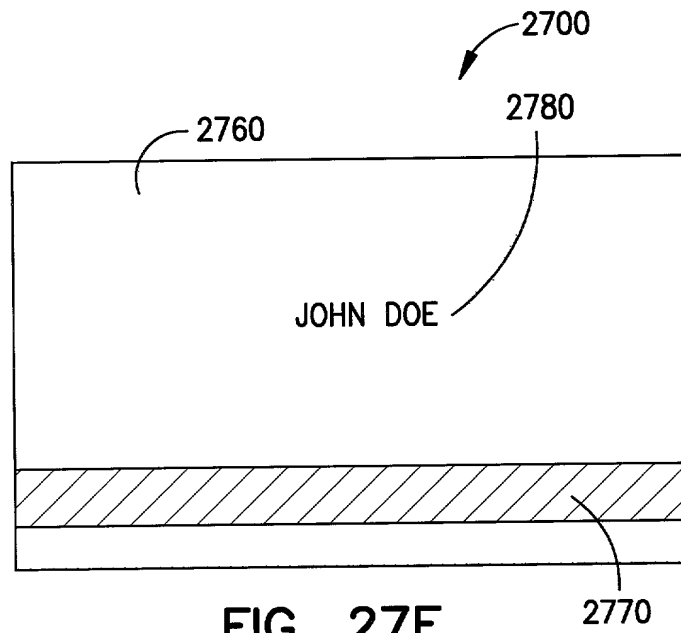


FIG. 27E

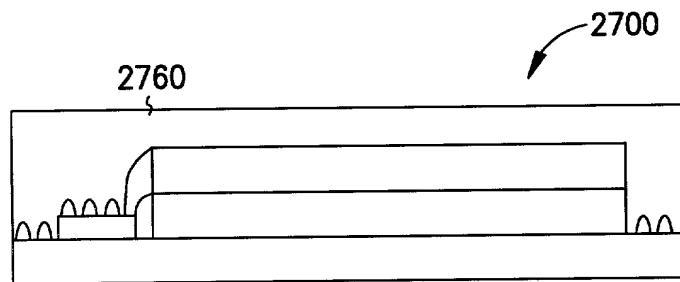


FIG. 27J

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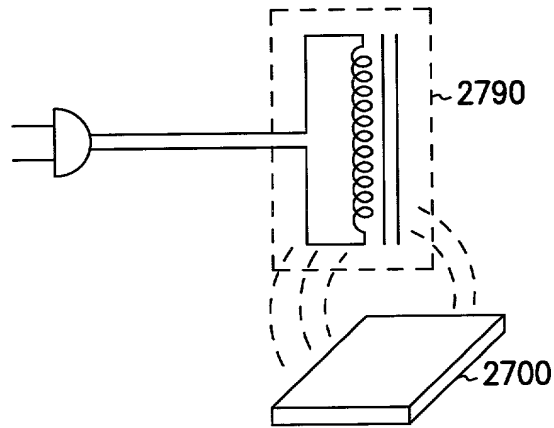


FIG. 27K

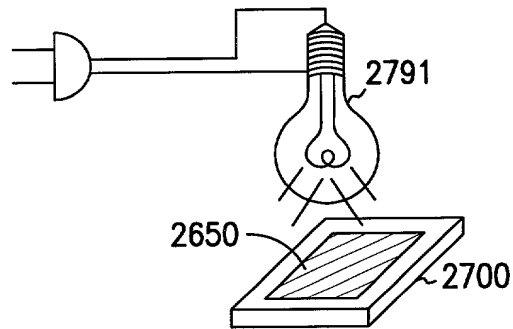


FIG. 27L

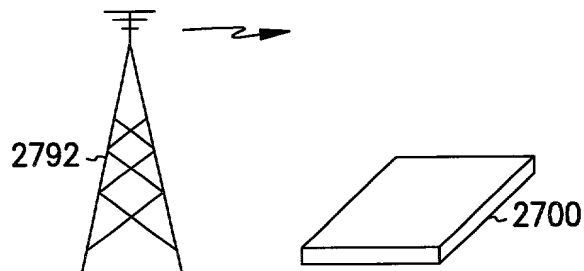


FIG. 27M

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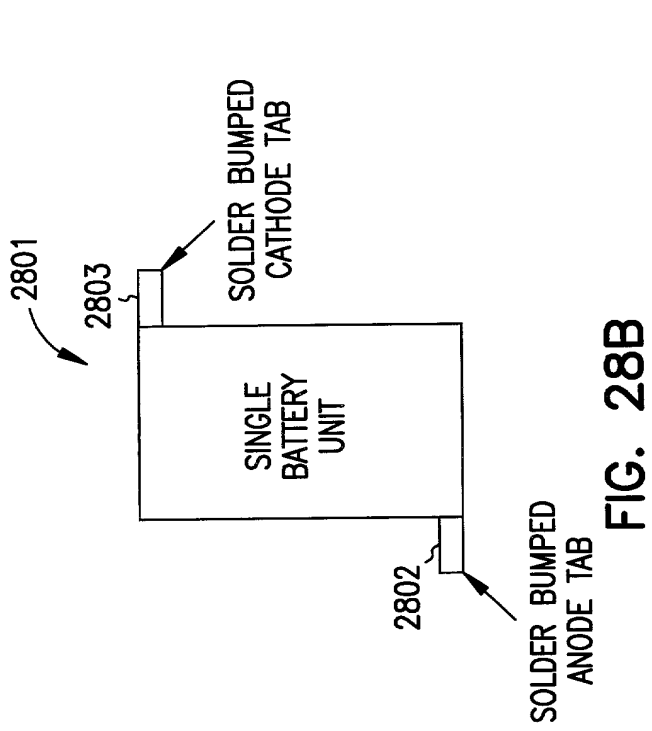


FIG. 28A

FIG. 28B

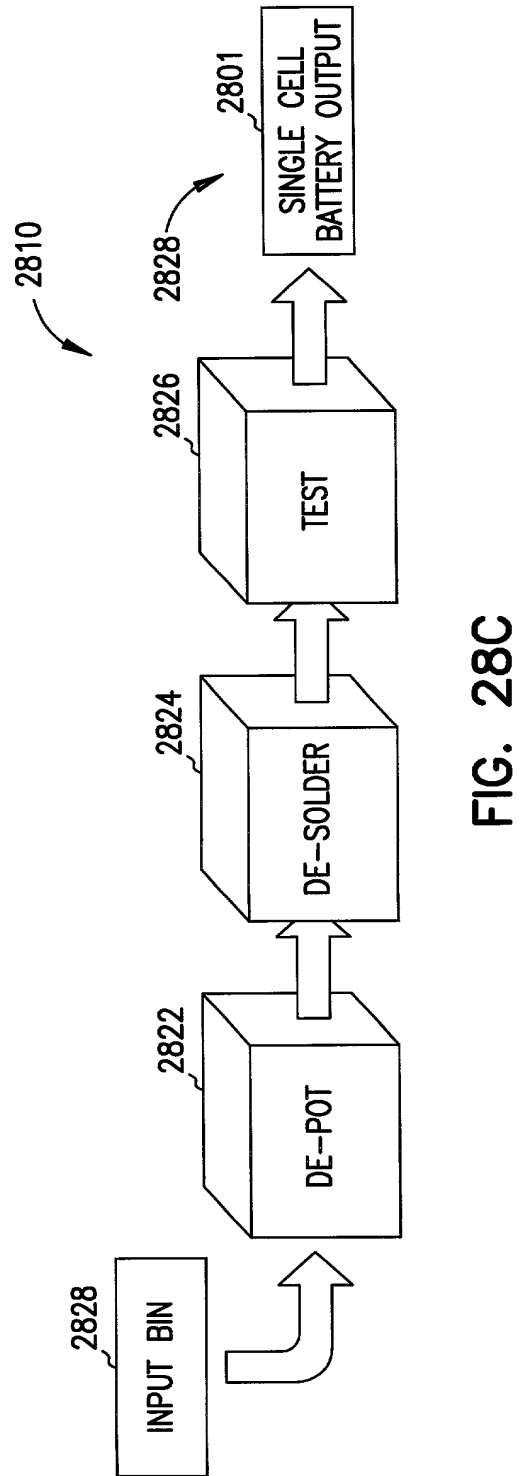
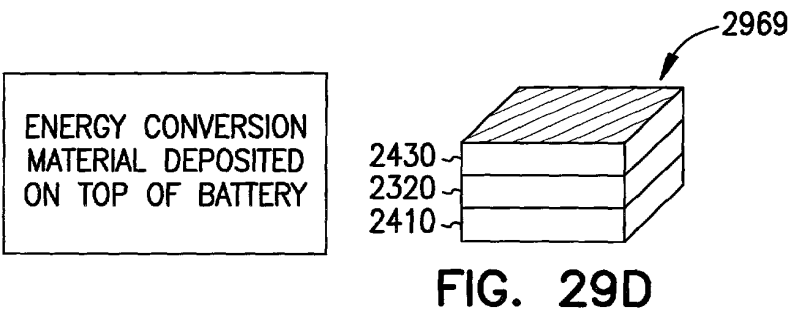
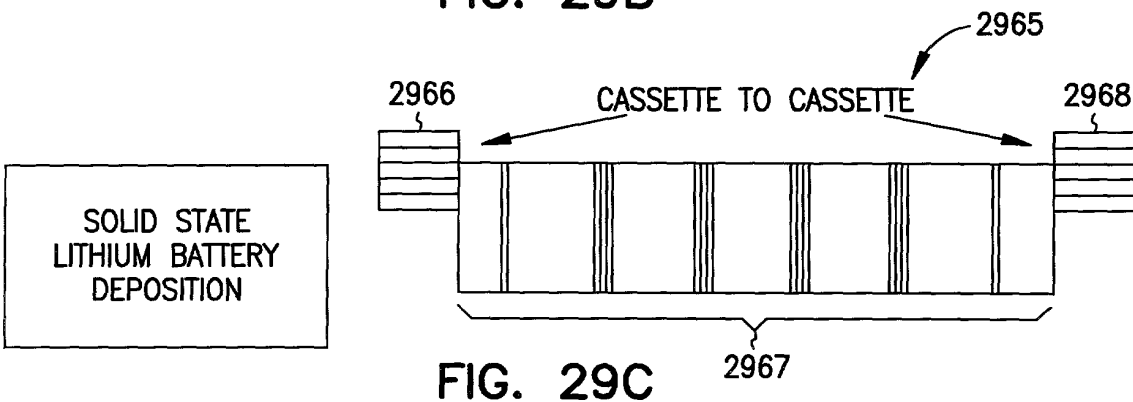
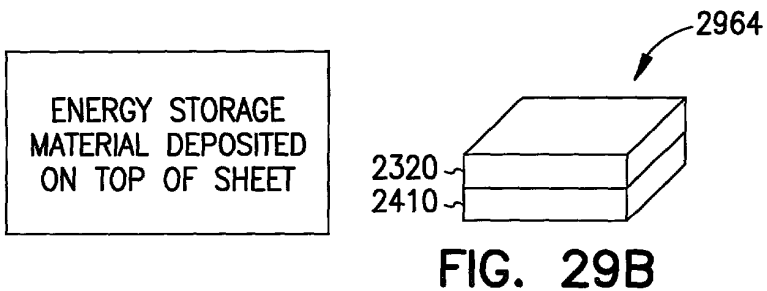
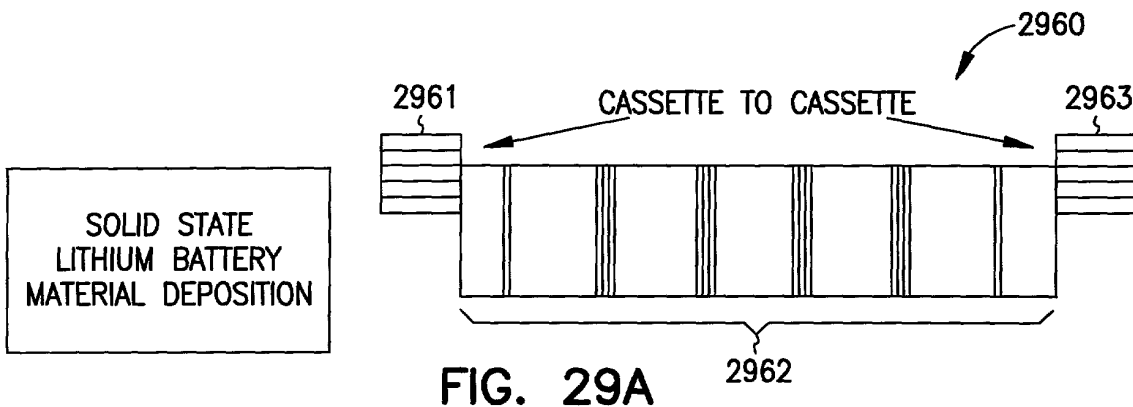


FIG. 28C

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DIRECT ENERGY
CONVERSION MATERIAL
DEPOSITION

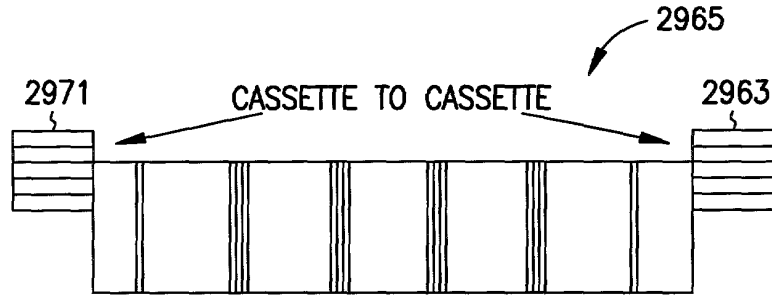


FIG. 29E

DIRECT ENERGY
CONVERSION MATERIAL
DEPOSITED ON TOP
OF SHEET

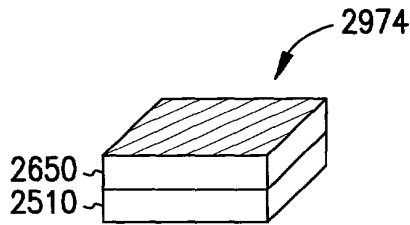


FIG. 29F

SOLID STATE
LITHIUM BATTERY
DEPOSITION

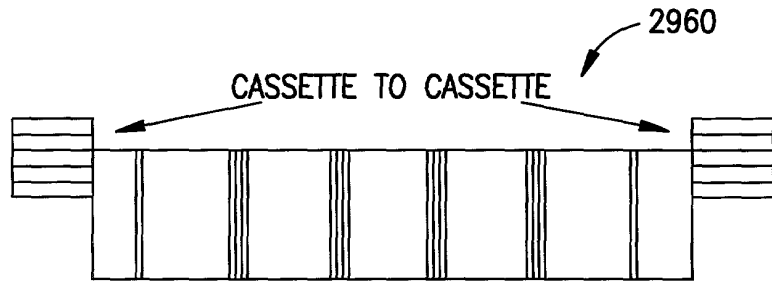


FIG. 29G

ENERGY MATERIAL
DEPOSITED ON BACK
OF SHEET

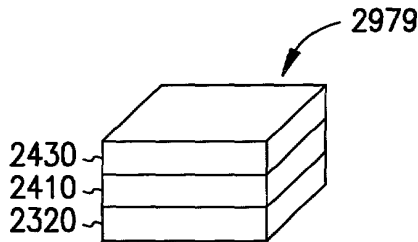


FIG. 29H

DIRECT ENERGY
CONVERSION MATERIAL
WIRED TO ENERGY
STORAGE MATERIAL

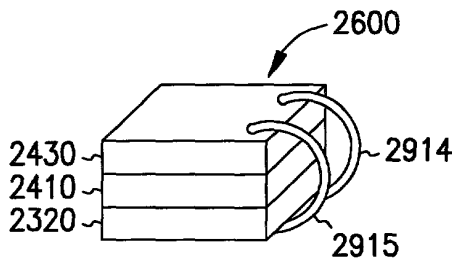


FIG. 29I

FIG. 29E

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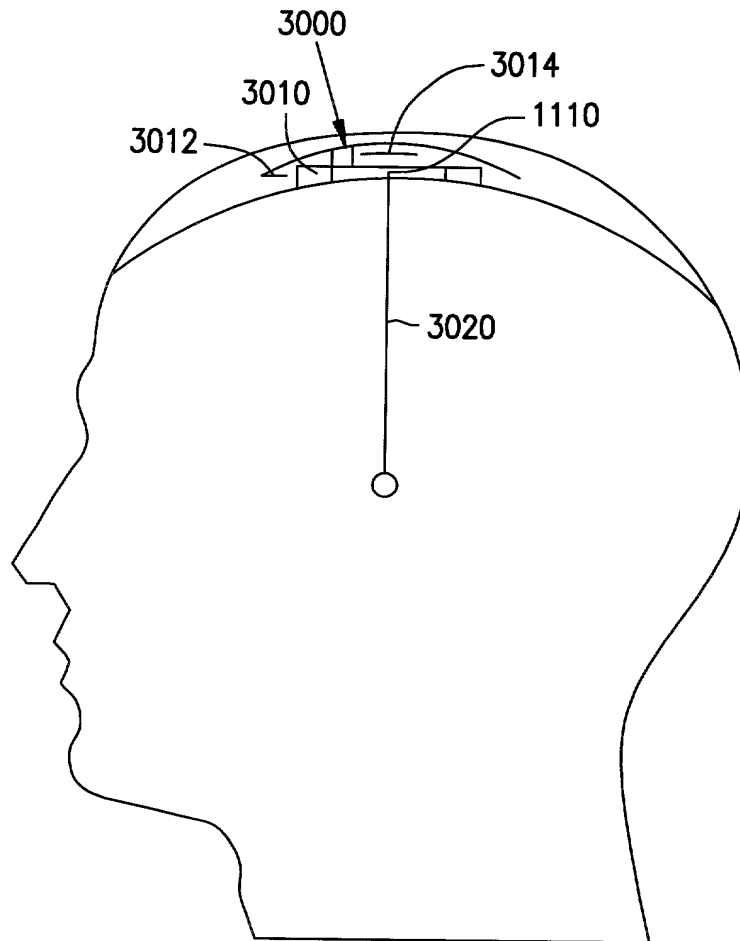


FIG. 30

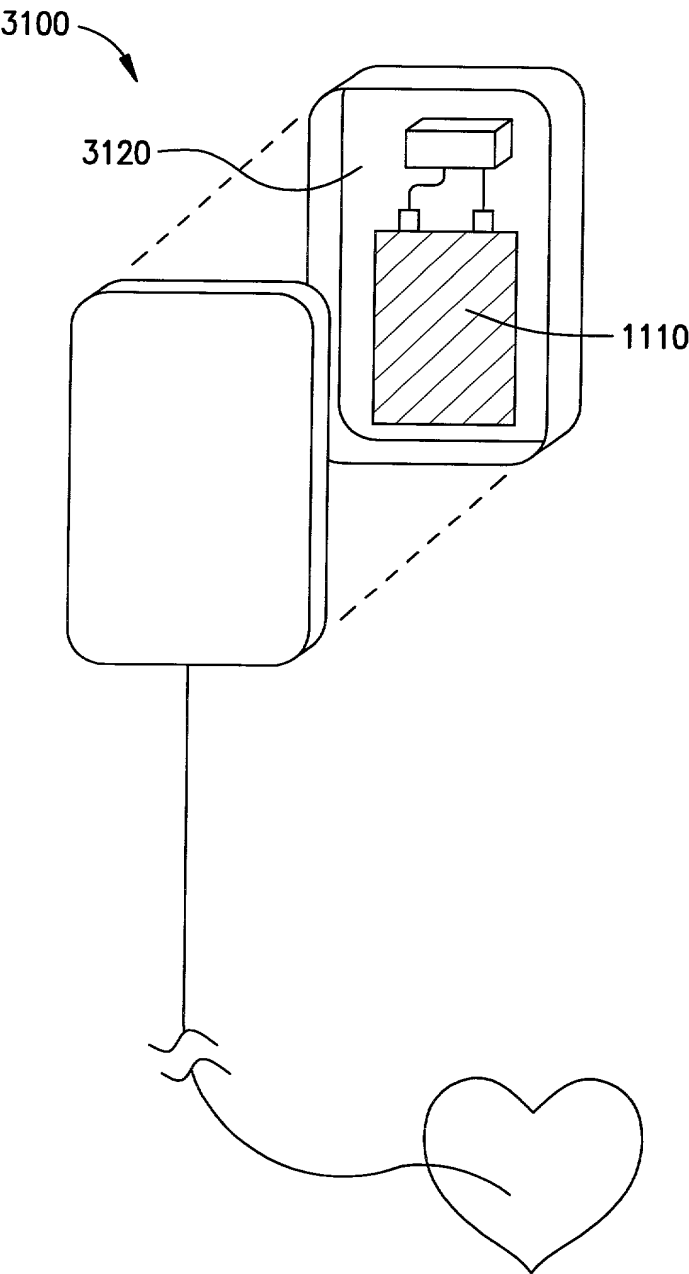


FIG. 31A

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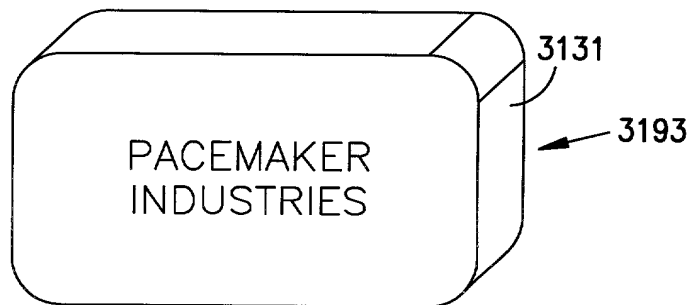
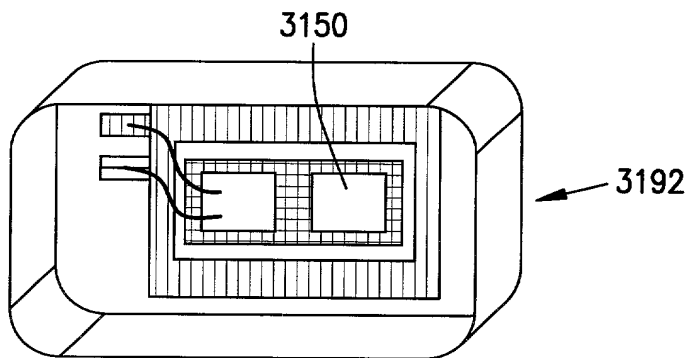
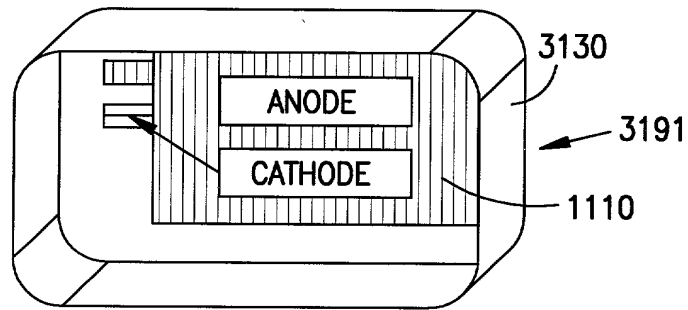
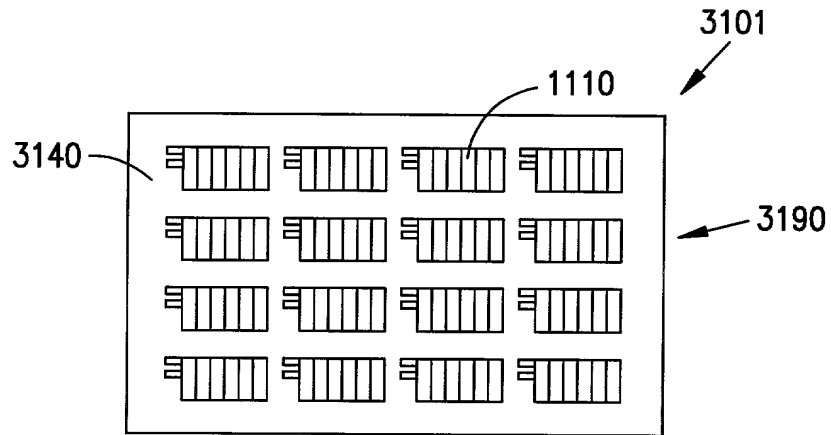


FIG. 31B

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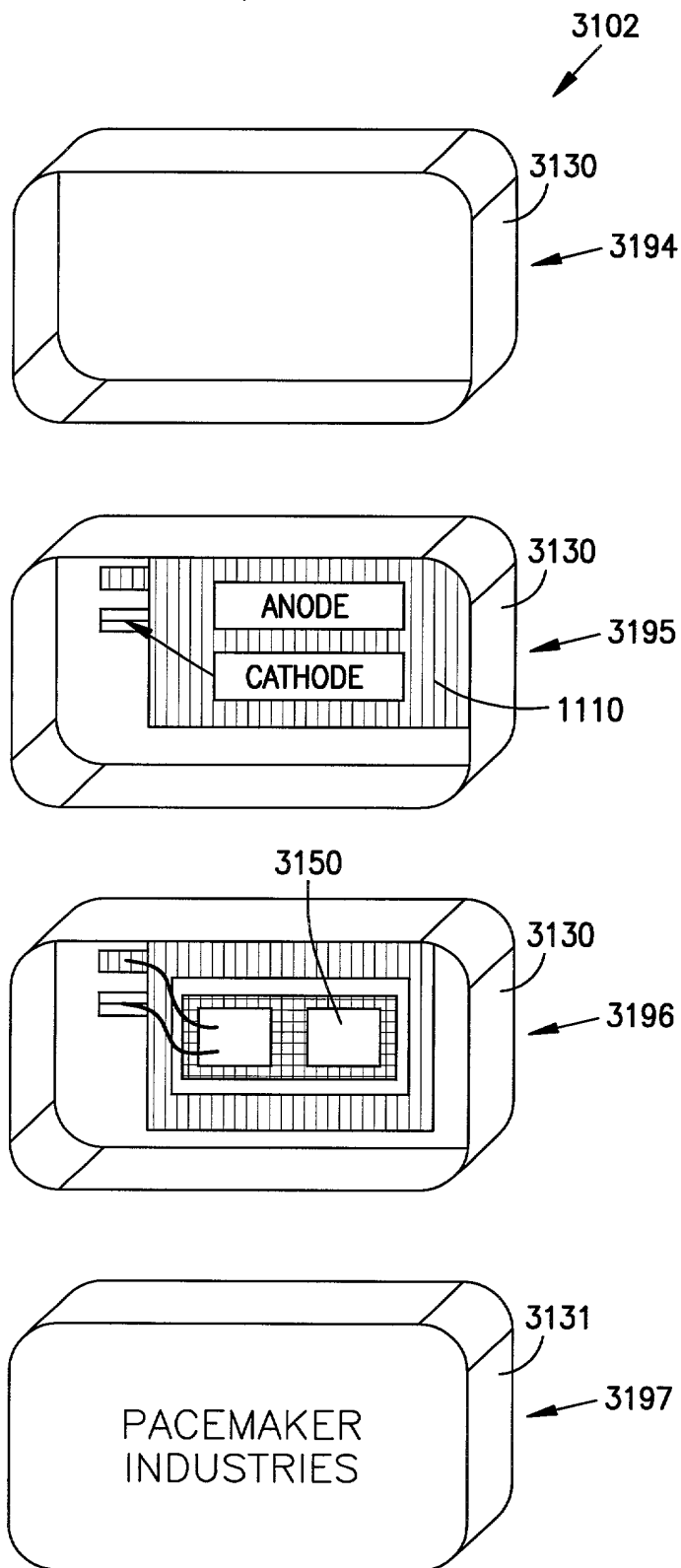


FIG. 31C

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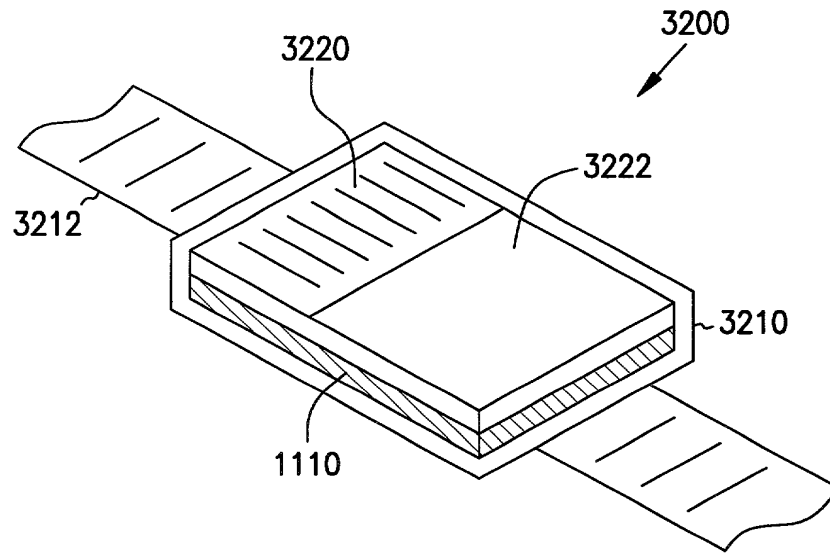


FIG. 32A

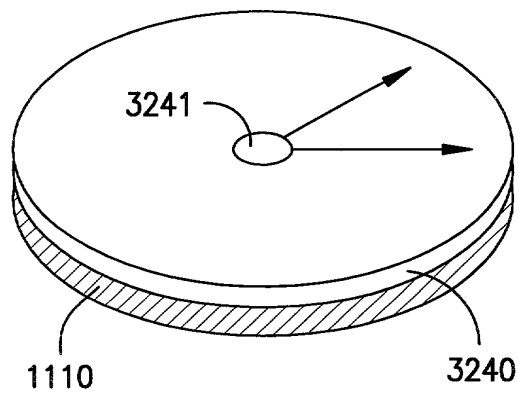


FIG. 32B